AUTHOR INDEX Volume 113 (JANUARY-JUNE, 1998)

Abajo, Bianca, 768 Abbasciano, Vincenzo, 1145 Abbey, Susan, 633 Abboud, Raja T., 1257 Abolhoda, Amir, 1507 Abraham, Edward, 224S Adebonojo, Samuel A., 739 Adler, Jack J., 25 Aelony, Yossef, 1007, 1731 Afessa, Bekele, 1225 Ahn, Chul, 867 Ajani, Jaffer A., 112S Akhtar, Bushra, 719 Akita, Hozuka, 243 Akosah, Kwame, 809 Al, Maiwenn J., 124 Albano, Aldo, 334 Albert, Richard K., 246 Albertine, Kurt H., 997 Alderson, Philip O., 665 Aldrich, Michael S., 980 Aleva, Roelof M., 182 Alex, Charles G., 405 Alexander, John C., Jr., 2 Alfageme Michavila, Inmaculada, 732 Alfaifi, Salem, 1726 Alivizatos, Peter A., 15 Alpert, Martin A., 312 Alvarez-Sala, Jose L., 111 Alvarez-Sala, Rodolfo, 111 Amaha, Keisuke, 1658 Ambrogi, Vincenzo, 1402 Amin, Neeta B., 1489 Amyes, Sebastian G.B., 228S Anandarangam, Thiruvengadam, 665 Andrew, Maureen, 165 Angus, Derek C., 434 Anthi, Anastasia, 15 Anthonisen, Nicholas R., 351, 933 Aoki, Noriaki, 178 Arabian, Aram, 612 Argento, Angelo, 1136 Aristizabal, Jose Fernando, 1244 Aronow, Wilbert S., 867 Arriega, J. Manuel, 1452 Arroliga, Alejandro C., 830, 1729 Ashihara, Tsukasa, 1632 Ashitani, Jun-ichi, 788 Askin, Frederic B., 839 Aslenzadeh, Jaber, 1555 Assi, Zakaria, 1302 Aurigemma, Gerald P., 482 Austin, Erle H., A24(April) Auwaerter, Paul G., 1201 Avontuur, Jurgen A. M., 1640

Bach, John R., 2898 Backer, Vibeke, 973 Baetz, Marilyn, 258 Bagley, Peter H., 257 Bahri, Sanjeev, 468 Bailey, Raymond, 28 Bailey, William C., 1238 Baker, Robert P., 851 Bakhshay, Shahroukh A., 514

Balaan, Marvin R., 227 Baldursson, Olafur, 1720 Baldwin, Douglas, 676 Ball, Peter, 199S Balter, Meyer S., 1723 Barandun, Jurg, 1019 Baranton-Cantin, Helene, 1595 Barash, Paul G., 569 Barker, Alan F., 1329 Barrett, Linda, 405 Bartlett, John G., 1201 Bar-Yishay, Ephraim, 571 Bashore, Thomas M., 237 Baudouin, Nicolas, 1580 Baughman, Robert P., 2198 Baumann, Michael H., 1423 Bavaria, Joseph E., 890 Beach, Jeremy R., 853 Becker, Allan B., 351 Bedos, Jean-Pierre, 421 Behner, Kathleen G., 896 Belani, Chandra P., 1S, 46S, 53S, 78S Belli, Emri, 1296 Bennett, Charles L., 78S *Bergan, John J., A19(Jan) Berkman, Neville, 571 Bernstein, I. Leonard, 1264 Berry, Gerald J., 365 Bikkina, Mahesh, 312 Bingisser, Roland, 1718 Bishop, John W., 1428 Blackmon, Griffith M., 834 Bleecker, Eugene R., 272, 283, 290 Block, A. Jay, 855, 1151 Bluman, Leslie G., 883 Blumen, Marc B., 1163 Blyth, Carolyn M., 1481 Boczkowski, Jorge, 645 Bolliger, Chris T., 847 Bonavina, Luigi, 1492 Bonitati, Alice E., 992 Bonk, Stanley, 379 Bonniaud, Philippe, 1580 Bonomi, Philip, 13S Borczuk, Alain, 244 Borge, Jacinto Hernández, 732 Borrello, Gennarino, 1272 Borzak, Steven, 203, 1489 Bosmans, Johan M., 1417 Bossink, Ailko W. J., 1533 *Boulet, Louis Philippe, 587, 968, A16(Feb) Bouros, Demosthenes E., 1091 Boutin, Christian, 1007 Bowler, Russell P., 1130, 1609 Bowton, David L., 1698 Boyd, Vanessa, 759 Boyer, Michael L., 24S Boylen, Carl Thomas, 836 Brancifort, Janet, 86 Brand, Paul LP, 584 Breall, Jeffrey, 1119 Brenner, Matthew, 652, 1497, 1730

Britton, John, 396

Brooks, Ari, 1507

Brooks, Stuart M., 42

Brockman, Stanley K., 878

Brooks, Tina, 1394 Brouns, Matthew C., 147 Brown, Joanne, 957 Brown, Lawrence H., 323 Brown, Terry, 719 Bruining, Hajo A., 1640 Brun, Patrick, 1042 Brunt, Elizabeth M., 117 Bublil, Milli, 571 Buijk, Steven L. C., 1640 Burchardi, Hilmar, 443 Burghuber, Otto Chris, 906 Burke, Maura E., 1037 Burt, Michael E., 1507 Buurman, Wim, 1290 Byrd, Ryland P., Jr., 1426

Caballero, Paloma, 111 Caldwell, Kay, 1175 Calpe, Jose Luis, 845 Campbell, G. Douglas, 188S Campbell, Tamara J., 154 Campos Rodríguez, Francisco Jose, 732 Capelozzi, Vera Luiza, 1312 Carabello, Blase A., 1399 Caras, William E., 852 Carcillo, Joseph A., 1625 Cardenas, Omar, 387 Cardinalini, Giuseppe, 964 Carlisle, Carol C., 992 Carlson, Joseph J., 816 Carozza, Susan E., 154 Carre, Philippe, 371 Carrera, Georges, 371 Carter, W. Hans, 1175 Cartier, Andre, 968 Caruso, James L., 1302 Casaburi, Richard, 780 Casalino, Enrique, 421 Casey, Larry C., 531 Catanzaro, Antonino, 1184 Celli, Bartolome R., 283S Chahinian, A Philippe, 723 Chan, Charles K., 1689 Chan, Edward D., 1609 Chan, Tet Wei, 612 Chang, Han-Yu, 71 Chaouat, Ari, 567 Chaparro, Cecilia, 924 Chaudhary, Bashir A., 719 Chemla, Denis, 1466 Chen, Chang-Wen, 71 Chen, Kuan-wen, 71 Chen, Shengxi, 1356 Cheng, Bae-Yong, 312 Cheong, Hee Jin, 20 Chervin, Ronald D., 980 Chesler, Elliot, 681 Chevrolet, Jean-Claude, 768 Chhina, Gurneet Singh, 1711 Chiao, Joseph, 1225 Chiles, Caroline, 1698 Chimenti, Cristina, 552 Chin, Nyat Kooi, 231 Chiner, Eusebi, 845

^{**}Book reviewer

AUTHOR INDEX Volume 113 (JANUARY-JUNE, 1998)

Abajo, Bianca, 768 Abbasciano, Vincenzo, 1145 Abbey, Susan, 633 Abboud, Raja T., 1257 Abolhoda, Amir, 1507 Abraham, Edward, 224S Adebonojo, Samuel A., 739 Adler, Jack J., 25 Aelony, Yossef, 1007, 1731 Afessa, Bekele, 1225 Ahn, Chul, 867 Ajani, Jaffer A., 112S Akhtar, Bushra, 719 Akita, Hozuka, 243 Akosah, Kwame, 809 Al, Maiwenn J., 124 Albano, Aldo, 334 Albert, Richard K., 246 Albertine, Kurt H., 997 Alderson, Philip O., 665 Aldrich, Michael S., 980 Aleva, Roelof M., 182 Alex, Charles G., 405 Alexander, John C., Jr., 2 Alfageme Michavila, Inmaculada, 732 Alfaifi, Salem, 1726 Alivizatos, Peter A., 15 Alpert, Martin A., 312 Alvarez-Sala, Jose L., 111 Alvarez-Sala, Rodolfo, 111 Amaha, Keisuke, 1658 Ambrogi, Vincenzo, 1402 Amin, Neeta B., 1489 Amyes, Sebastian G.B., 228S Anandarangam, Thiruvengadam, 665 Andrew, Maureen, 165 Angus, Derek C., 434 Anthi, Anastasia, 15 Anthonisen, Nicholas R., 351, 933 Aoki, Noriaki, 178 Arabian, Aram, 612 Argento, Angelo, 1136 Aristizabal, Jose Fernando, 1244 Aronow, Wilbert S., 867 Arriega, J. Manuel, 1452 Arroliga, Alejandro C., 830, 1729 Ashihara, Tsukasa, 1632 Ashitani, Jun-ichi, 788 Askin, Frederic B., 839 Aslenzadeh, Jaber, 1555 Assi, Zakaria, 1302 Aurigemma, Gerald P., 482 Austin, Erle H., A24(April) Auwaerter, Paul G., 1201 Avontuur, Jurgen A. M., 1640

Bach, John R., 2898 Backer, Vibeke, 973 Baetz, Marilyn, 258 Bagley, Peter H., 257 Bahri, Sanjeev, 468 Bailey, Raymond, 28 Bailey, William C., 1238 Baker, Robert P., 851 Bakhshay, Shahroukh A., 514

Balaan, Marvin R., 227 Baldursson, Olafur, 1720 Baldwin, Douglas, 676 Ball, Peter, 199S Balter, Meyer S., 1723 Barandun, Jurg, 1019 Baranton-Cantin, Helene, 1595 Barash, Paul G., 569 Barker, Alan F., 1329 Barrett, Linda, 405 Bartlett, John G., 1201 Bar-Yishay, Ephraim, 571 Bashore, Thomas M., 237 Baudouin, Nicolas, 1580 Baughman, Robert P., 2198 Baumann, Michael H., 1423 Bavaria, Joseph E., 890 Beach, Jeremy R., 853 Becker, Allan B., 351 Bedos, Jean-Pierre, 421 Behner, Kathleen G., 896 Belani, Chandra P., 1S, 46S, 53S, 78S Belli, Emri, 1296 Bennett, Charles L., 78S *Bergan, John J., A19(Jan) Berkman, Neville, 571 Bernstein, I. Leonard, 1264 Berry, Gerald J., 365 Bikkina, Mahesh, 312 Bingisser, Roland, 1718 Bishop, John W., 1428 Blackmon, Griffith M., 834 Bleecker, Eugene R., 272, 283, 290 Block, A. Jay, 855, 1151 Bluman, Leslie G., 883 Blumen, Marc B., 1163 Blyth, Carolyn M., 1481 Boczkowski, Jorge, 645 Bolliger, Chris T., 847 Bonavina, Luigi, 1492 Bonitati, Alice E., 992 Bonk, Stanley, 379 Bonniaud, Philippe, 1580 Bonomi, Philip, 13S Borczuk, Alain, 244 Borge, Jacinto Hernández, 732 Borrello, Gennarino, 1272 Borzak, Steven, 203, 1489 Bosmans, Johan M., 1417 Bossink, Ailko W. J., 1533 *Boulet, Louis Philippe, 587, 968, A16(Feb) Bouros, Demosthenes E., 1091 Boutin, Christian, 1007 Bowler, Russell P., 1130, 1609 Bowton, David L., 1698 Boyd, Vanessa, 759 Boyer, Michael L., 24S Boylen, Carl Thomas, 836 Brancifort, Janet, 86 Brand, Paul LP, 584 Breall, Jeffrey, 1119 Brenner, Matthew, 652, 1497, 1730

Britton, John, 396

Brooks, Ari, 1507

Brooks, Stuart M., 42

Brockman, Stanley K., 878

Brooks, Tina, 1394 Brouns, Matthew C., 147 Brown, Joanne, 957 Brown, Lawrence H., 323 Brown, Terry, 719 Bruining, Hajo A., 1640 Brun, Patrick, 1042 Brunt, Elizabeth M., 117 Bublil, Milli, 571 Buijk, Steven L. C., 1640 Burchardi, Hilmar, 443 Burghuber, Otto Chris, 906 Burke, Maura E., 1037 Burt, Michael E., 1507 Buurman, Wim, 1290 Byrd, Ryland P., Jr., 1426

Caballero, Paloma, 111 Caldwell, Kay, 1175 Calpe, Jose Luis, 845 Campbell, G. Douglas, 188S Campbell, Tamara J., 154 Campos Rodríguez, Francisco Jose, 732 Capelozzi, Vera Luiza, 1312 Carabello, Blase A., 1399 Caras, William E., 852 Carcillo, Joseph A., 1625 Cardenas, Omar, 387 Cardinalini, Giuseppe, 964 Carlisle, Carol C., 992 Carlson, Joseph J., 816 Carozza, Susan E., 154 Carre, Philippe, 371 Carrera, Georges, 371 Carter, W. Hans, 1175 Cartier, Andre, 968 Caruso, James L., 1302 Casaburi, Richard, 780 Casalino, Enrique, 421 Casey, Larry C., 531 Catanzaro, Antonino, 1184 Celli, Bartolome R., 283S Chahinian, A Philippe, 723 Chan, Charles K., 1689 Chan, Edward D., 1609 Chan, Tet Wei, 612 Chang, Han-Yu, 71 Chaouat, Ari, 567 Chaparro, Cecilia, 924 Chaudhary, Bashir A., 719 Chemla, Denis, 1466 Chen, Chang-Wen, 71 Chen, Kuan-wen, 71 Chen, Shengxi, 1356 Cheng, Bae-Yong, 312 Cheong, Hee Jin, 20 Chervin, Ronald D., 980 Chesler, Elliot, 681 Chevrolet, Jean-Claude, 768 Chhina, Gurneet Singh, 1711 Chiao, Joseph, 1225 Chiles, Caroline, 1698 Chimenti, Cristina, 552 Chin, Nyat Kooi, 231 Chiner, Eusebi, 845

^{**}Book reviewer

Chinet, Thierry C., 1684 Chinikamwala, Mustafa, 194S Choplin, Robert H., 1698 Chung, Man Pyo, 344 Ciaglia, Pasquale, 849 Cioffi, Ugo, 1492 Civetta, Joseph M., 1064 Claeys, Marc J., 1417 Clark, John A., 1408 Clermont, Gilles, 434 Coates, Allan L., 951 Cohen, Isaac, 1452 Cohen, Lorenzo, 633 Cohen-Solal, Alain, 870 Cohn, Herbert E., 997 Coirault, Catherine, 1466 Colaninno, Peter, 1190 Coldman, Andrew, 696 Colice, Gene L., 283, 290 Congleton, Jo, 1588 Connery, Sean M., 602 Connor, Elizabeth A. O. 147 Conraads, Viviane M.A., 1417 Conrado, Chiara E., 219S Constant, Jules, 800 Cook, Deborah J., 165 Cook, Richard C., 131 Corson, Joseph A., 723 Coste, Andre, 985 Cote, Johanne L., 968 Coulson, Alan S., 514 Courtade, Monique, 371 Cowie, Robert L., 340 Crausman, Robert S., 256, 258, 558, 844 Criner, Gerard E., 2898 Crocker, Helen L., 838 Croze, Sheila, 261 Culhane, Donna, 1305 Curley, Frederick J., 1037 Curtis, J. Randall, 269 Curwin, Jay H., 848 Czitrom, Daniel, 870

Dafni, Urania, 8 Daganou, Maria, 8, 1285 D'Aloia, Antonio, 848 D'Amato, Richard F., 1190 Danby, Christopher A., 739 Dart, Richard A., 263 Das, Sam, 665 Dasgupta, Asok, 252 Dasti, Salman, 719 Dauber, James H., 1235 Davidow, Amy L., 379 Davis, G. Michael, 1322, 1566 Davis, Harry, 719 Davis, Robert D., 534, 944 Davis, W. Bruce, 401 Dayoan, Edward S., 836 De Boeck, Kris, 55 de Boer, Willem J., 124, 358 de Leon Regil Ruiz, Marta Ileana, 1452 De Simone, Matilde, 1492 DeCara, Jeanne M., 261 Decazes, Jean-Marie, 542 Dehoux, Monique, 645 Delahaye, Nicolas, 870 Demanet, Christian, 1616 Demedts, Maurits G.P., 55 Deneinzelin, Daniel, 1731 Dentener, Mieke, 1290

DeRiemer, Kathryn, 1452

Desmonts, Jean-Marie, 1335

Detloff, Barry, 1084 Devadason, Sunalene G., 186 Dewald, Oliver, 1070 Dhar, Anil, 933 DiBenedetto, Robert J., 1136 Dickey, Burton F., 1095 Dicorcia, Antonio, 334 Dicpinigaitis, Peter V., 1319 Difabrizio, Larry, 548 Dimen, Luis L., 836 Dimopoulou, Ioanna, 8, 1285 DiSilvestro, Robert A., 401 Dodek, Arthur, 1109 Doliszny, Kathie M., 681 Dominguez, Josep, 1195 Donnell, Anne E. O. 1329 Dore, Nigel D., 186 Dorlac, Gina R., 97 d'Ortho, Marie Pia, 985 Doughty, Lesley, 1625 *Douglas, Pamela S., A16(May) Dowling, Robert D., 2S, 6S Doyle, Ramona L., 1673 Drevfuss, Didier, 1042 Duarte, Ignacio G., 660 Dubach, Paul, 1387 *Ducharme, Francine M., 1322, 1566, Ducharme, Gilles R., 1322 Duerholz, Anke, 1415 Duke, Trevor, 561 Dumont, Pascal, 391 Dunlap, Nancy E., 1178 Dunn, Patrick E., 289S Duong, Tan, 1127 Durante, Salvatore, 1272 Dureuil, Bertrand, 1335 Durham, Janette, 1130 Dziekan, Gerald, 1387

Eakin, Elizabeth G., 619 Eastwood, Clive, 131 Ebo, D.G., 1417 Ede, Anja, 1542 Edelman, Brian, 1138 Edwards, Miles J., 147 Edwards, Thomas B., 1264 Effron, Dov. 571 Egermayer, Paul, 562 Ekholm, Bruce P., 283, 290 El Husseini, Fayssal, 1684 Elias, Anthony, 101S Elkas, John, 1715 Eller, Jorg, 1542 Elliott, Barbara M., 584 Ellrodt, A. Gray, 142 Elpern, Ellen H., 896 Ely, Eugene Wesley, Jr., 1698 End, Adelheid, 906 Entwistle, Marielle, 1175 Epperly, Michael, 46S Epstein, Lawrence J., 97 Epstein, Matthew D., 379 Erasmus, Jeremy John, 826, 1305 Eschenbacher, William Lee, 847 Essink-Bot, Marie-Louise, 358 Estagnasie, Philippe, 1042

Fadilioglu, Bahar, 1277 Faggiano, Pompilio, 482, 848 Falk, Rodney H., 261 Falliers, Constantine, 265

Faraggi, Marc, 870 Farber, John L., 997 Fefer, Fred, 1428 Fein, Alan M., 277S Ferguson, Gary T., 123S Ferrari, Emile, 559 Ferretti, Gilbert, 1595 Ferson, Peter F., 68, 1208 Fick, Robert B., Jr., 1329 Finell, Lyn, 1446 Fink, James B., 405 Fink, Jordan N., 1264 Fischel, Richard J., 652, 1497 Fischer, Rainald, 1428 Fisher, Kendra, 365 Fitzner, Rudolf, 1055 Fitzpatrick, Michael F., 258 Flume, Patrick A., 1159 Folch, Jaume, 371 Fontenot, Andrew P., 525 Foresti, Valeriano, 1425 Foucher, Pascal, 1580 Fournel, Pierre, 1091 Fournier, Michel, 645 Fraire, Armando E., 1037 François, Bruno, 1475 Frank, Diane, 1489 Franklin, Karl, 707 Fransen, Erik, 1290 Frassica, Joseph J., 537 Frater, Robert W. M., 244 Fred, Herbert L., 1732 Frederick, Winston R., 1225 Frees, Kathy L., 505 Friemanas, Rita I., 1698 Friesen, Mae, 625 Frizelle, Sandra, 1526 Froudarakis, Marios E., 1091 Frustaci, Andrea, 552 Fujino, Yuji, 1650 Furamoto-Dawson, Alice, 194S Fuso, Leonello, 334

Gaasch, William H., 482 Gabrielli, Andrea, 1419 Gaine, Sean P., 563 Gal, Anthony A., 660 Gallego, Jose C., 1034 Garcia-Pachon, Eduardo, 1425 Gardini, Armando, 848 Garland, Robert, 1215 Gasser, Bernard, 391 Gastinne, Herve, 1475 Gaudebout, Christiane, 421 Gautier, Veronique, 900 Gaydos, Charlotte A., 1201 Gazdar, Adi F., 696 Geertsma, Albert, 124, 358 Gelb, Arthur F., 652, 1497 Gelmont, David M., 696 Georgitis, John W., 851 Gergen, Peter J., 1277 Geroulanos, Stephanos, 8, 15, 1285 Gersh, Bernard J., 1119 Geskes, Gijs G., 1290 Ghaemmaghami, Maya, 86S Gianotti, Nicola, 919 Gilkeson, Robert C., 1305 Gillis, Charles R., 467 Gilmartin, Mary E., 289S Gin, Kenneth, 1109 Giovinco-Barbas, Joette, 42 Gipe, Bruce T., 696

Giraud, Violaine, 1684 Girgis, Reda E., 365 Giuntini, Carlo, 559 Glazer, Mendel, 571 Gochuico, Bernadette R., 249 Godfrey, Simon, 571 Godje, Oliver, 1070 Goebbels, Ute, 1387 Goetting, Mark G., 743 Gokirmak, Munire, 1144 Goldberg, A. David, 1489 Goldberg, Allen I., 289S Goldberg-Kahn, Becki, 1428 Goldenberg, Francoise, 985 Goldhaber, Samuel Z., 5, 499, 1115 Golding, Daniel M., 997 Goldstein, Itamar, 848 Goldstein, Lawrence S., 1729 Gomersall, Charles D., 561 Gonzales, Calle A., 165 Goodman, Lawrence R., 1250 Goodman, Martin, 1647 Goodman, Philip C., 1305 Gossage, James R., 237 Goto, Hajime, 849 Goto, Makoto, 849 Gottlieb, Jonathan E., 559 Gottschalk, Alexander, 499 Gough, John E., 323 Gould, Michael K., 3 Gourgon, Rene, 870 Gracey, Douglas R., 257 Grannis, Frederic W., 1680 Granton, John T., 1013, 1347 Green, Mark R., 723 Green, William, 1225 Greenberg, Jeffrey, 1138 Greenberger, Joel S., 46S Greif, Joel, 1522 Grembiale, Rosa D., 1272 Grgurich, Wayne F., 1235 Griffith, David E., 1434 Groeneveld, A. B. Johan, 1533 Groetz, Juergen, 714 *Gross, Nathan J., A19(Jan) Gross, Thomas J., 1720 Grossman, Ronald F., 131, 1723, 205S, 249S Guarín, Margarita, 1549 Guffanti, Monica, 919 Guglielminotti, Jean, 1335 Guilleminault, Christian, 1163 Guntupalli, Kalpalatha K., 847 Guo, Yueliang Leon, 71 Gutierrez, Carlos A., 924 Guzman, Jorge A., 1078

Haase, Christian, 443 Haase, Henning, 1415 Haasler, George B., 1250 Haber, Paul, 906 Hack, C. Erik, 1533 Hackner, Dani, 142 Haese, Jan D, 528 Hall, Adrian, 1705 Hall, Marilyn, 1178 Hammad, Yahia, 42 Hammett-Stabler, Catherine, 1419 Han, Joungho, 344 Han, Yong Chol, 344 Hanada, Hideyuki, 306 Hand, Robert W., 1432 Hanna, Bruce A., 379 Hansen, James E., 780, 1148

Hansen-Flaschen, John H., 890 Haponik, Edward F., 1698 Harf, Alain, 985 Harrow, Edward M., 1452 Hartmann, Gunther, 1428 Haruta, Yoshinori, 452 Harz, Benjamin Von, 759 Hasanoglu, Hatice Canan, 1144 Hashimoto, Satoru, 1632 Hauck, Rainer W., 687 Haude, Volker, 1055 Hautmann, Hubert, 1428 Hawrylkiewicz, Iwona, 65 Hayden, Mark J., 186 Hazelrigg, Stephen R., 6S Healy, James C., 1428 Hebert, Jean Louis, 1466 Heffner, John E., 172S, 289S Heilbron, Brett, 1109 Hellinckx, Johan, 55 Henderson, Leon, 142 Henshaw, Nancy G., 944 Hernan, Miguel, 111 Herndon, James, 66S, 723, 1302, 1305 Herrell, Jennifer, A24(April) Herrmann, Jean-Louis, 542 Hershfield, Earl S., 933 Hess, Dean R., 1650 Higgins, Millicent, 123S Higgins, Robert S. D., 1489 Hill, A. Ross, 1729 Hill, Forrest Anne, 1175 Hill, Nicholas S., 289S Hill, Ronald C., 3 Hindi-Alexander, Michele, 123S Hirata, Ken-ichi, 243 Hitomi, Shigeki, 703 Ho, Sam B., 1526 Hochstein, Lisa, 1190 Hocqueloux, Laurent, 542 Hodges, Tony N., 1609 Homma, Shunichi, 665 Horowitz, Mitchell B., 60 Howard, Daniel, 327 Howard, David, 696 Howarth-Frey, Claude, 768 Howell, David N., 944 Hsiue, Tzuen-Ren, 71 Hubbard, Richard, 396 Huber, Rudolf M., 1428 Huchon, Gerard J., 1684 Hudson, Leonard D., 123S Hudson-Civetta, Judith, 1064 Hughes, Julie, 77 Hull, Russell D., 499 Hurd, Suzanne S., 123S Hurford, William E., 1650 Huuskonen, Matti S., 1517 Huyghens, Luc, 1616 Hyers, Thomas M., 499 Hyland, Robert H., 1408

lacono, Aldo T., 1235 Iguchi, Mari, 849 Ike, Osamu, 703 Ilowite, Jonathan S., 1329 In, Kwang Ho, 20 Incalzi, Raffaele Antonelli, 334 Inman, Kevin J., 172 Irwin, Richard S., 1141 Isaka, Naoki, 555 Ishida, Tatsuro, 243 Ishioka, Shinichi, 452 Itoh, Harumi, 703 Itokazu, Gail S., 194S Izzat, Mohammad Bashar, 270

Jakkuls, Malathi, 1526 Jamilla, Francis P., 531 *Janeira, Louis F., A16(Mar) Janosky, Janine, 1625 Janssens, Jean-Paul, 768 Jarjour, Nizar N., 401 Jarmukli, Nabil F., 91 Jeannin, Louis, 1580 Jenkins, Kathleen, 42 Jennings, Constance A., 525 Jett, James R., 46S, 86S Jiang, Haihe, 1356 Johal, Jasbir S., 1037 Johns, David P., 774 Johnson, Jeffrey S., 816 Johnson, Margaret M., 1698 Johnson, Martin C., II, 834 Johnson, William M., 1720 Johnston, Ian D., 396 Jokic, Ruzica, 258 Jones, Andrew S., 77 Jones, Felician, 1647 Jones, Richard L., 1028 Jordanoglou, John, 8 Jorens, Philippe, 1417 Joung, Hyojee, 401 Joyce, David P., 1147 Joynt, Gavin M., 561 Judson, Marc A., 859 Jue, John, 1109

Kacmarek, Robert, 289S Kacmerek, Robert M., 1650 Kahn, Douglas M., 992 Kaiser, Larry R., 890 Kalend, Andre, 468 Kambe, Masayuki, 452 Kamei, Shigeru, 555 Kanarek, David J., 913 Kanazawa, Kenji, 243 Kanda, Tsugiyasu, 317 Kang, Eun-Young, 20 Kang, Kyung Ho, 20 Kanhei, Karan J. K., 1640 Kanner, Richard E., 1161 Kaplan, Robert M., 619 Kaplan, Sandra, 1625 Kaplan, Vladimir, 1718 Karakatsani, Anna, 8, 1285 Karjalainen, Antti, 1517 Kassis, Edmund, 120S Kasznica, John, 249 Kaufman, Marla S., 878 Kawashima, Seinosuke, 243 Kayani, Sohail, 540 Keane, Joseph M., 249 Keenan, Robert J., 6S, 120S, 1235 Keenan, Sean P., 172 Keens, Thomas G., 289S Kelemen, Susan, 951 Keller, Cesar A., 117 Kelly, Paul, 633 Kelly, William J., 1481 Kendig, Edwin L., Jr., 1175 Kendrick, Adrian H., 774 Kennedy, Timothy C., 696 *Kessler, Kenneth A., A19(Jan) Kesten, Steven, 896, 924, 1013

Ketelaars, Corry A. J., 1147 Khan, Ayesha, 1095 Khoury, Mazen, 8 Kim, Hojoong, 344 Kim, Kyungmee P., 1190 Kimerling, Michael E., 1178 King, Talmadge E., Jr., 525 Kirkpatrick, Barry V., 1175 Kirkpatrick, Beth D., 839 Kirmse, Max, 1650 Kirsch, Carl M., 1443 Kirtland, Steven H., 1148 Kirton, Orlando C., 1064 Kitamura, Soichiro, 1511 Kitamura, Yoshihiro, 1632 Kladders, Heinrich, 957 Kleiger, Robert E., 327 Klepetko, Walter, 906 Klinger, Nancy M., 283, 290 Klockars, Matthias L. G., 1517 Klontz, Bryce, 896 Kobayashi, Atsuko, 1632 Kohno, Shigeru, 788 Kollef, Marin H., 267, 412, 759, 1339 Konermann, Martin, 714 Kooguchi, Kunihiko, 1632 Koopmanschap, Marc A., 124 Kornfeld, Hardy, 249 Koskele, Heikki, 1560 Koskinen, Matti O., 1573 Kotloff, Robert M., 890 Koziel, Henry, 1215 Kraan, Jan, 182 Krajden, Mel, 924 Kramer, Mordechai R., 571 Kramer, Naomi R., 992 Krasna, Mark J., 820, 107S Kratzke, Robert A., 1526 Krause, Sally A., 405 Kreck, Thomas C., 246 Kreisman, Harvey, 1459 Krieger, Bruce P., 430 Kronzon, Itzhak, 867 Kruse, James A., 1078 Kubba, Adam K., 210 Kuhn, Max U., 1387 Kumar, Sunil D., 430 Kurosawa, Toshiro, 178 Kushibe, Keiji, 1511 Kussin, Peter S., 534 Kuzo, Ronald, 1250 Kwon, O Jung, 344

La Blanchardiere, Arnaud, 542 Labrune, Sylvie, 1684 Lacoma, Felix J., 1078 LaForge, Jacques, 131 Lam, Stephen C.T., 696 Lambert, Isa R., 625 Lampron, Noel, 131 Landreneau, Rodney J., 2S, 6S, 120S Lands, Larry C., 951 Lang, Roberto M., 1475 Langholz, David, 816 Langin, Thierry, 1595 Langleben, David, 1459 Lapinski, Stephen E., 1726 Larramendi, Carlos H., 845 Laschewski, Frank, 714 Lashevsky, Ilan, 861 Lave, Judith R., 434 Lavie, Carl J., Jr., 599 Layish, Daniel T., 534

Lazowick, Daniel, 841 Lazzarin, Adriano, 919 Le Bourdelles, Genevieve, 1042 Le Guludec, Dominique, 870 Leatherman, James W., 1048 Lecarpentier, Yves, 1466 Lee, Cheng-Hung, 71 Lee, Kyung Soo, 344 Lee, Linda, 625 Lee, Robert B., 660 Leeper, Kenneth V., Jr., 499, 1134 Leibowitz, David W., 665 Lenoir, Fabien, 1042 Leo, Paul J., 297 LeRiche, Jean C., 696 Lesbre, Jean-Philippe, 671 Leseche, Guy, 645 LeSouef, Peter N., 186 Lesprit, Philippe, 542 Lessana, Arrigo, 1296 Lester, Steven J., 1109 Lesur, Olivier, 1731 Leung, Ann N., 365 Levasseur, Steven, 194S Leveno, Debra M., 154 Lever, Alvin, 1141 Lévy, Patrick A., 1595 Lewis, Larry, 1339 Lewis, Michael Ian, 28 Li, Guohu, 1356 Li, Kasey, 1163 Lichtenstein, Samuel, 1347 Light, Richard W., 795 Lillington, Glen A., 3, 856 Lillo, Flavia, 919 Lim, Tow K., 231 Limbos, Marjolaine M., 1147 Linde-Zwirble, Walter, 434 Lindner, Karl H., 1084 Lindstrom, Paul, 1084 Lipworth, Brian J., 34, 278 Littlefield, Christine, 633 Liu, David, 1507 Liu, Jing Win, 91 Liu, Zhiyuan, 1446 LoBue, Philip A., 1184 Loddenkemper, Robert, 1148 Lode Hartmut, 1542 Lofaso, Frederic, 985 Logan, P. Mark, 523 Long, Richard, 933 Long, Wenqing, 351 Lopez Encuentra, Angel, 1143 Lou, Wanzhong, 1356 Loube, Daniel I., 1151 Loudon, Robert G., 625 Low, Donald E., 1731 Ludwigs, Ulf, 459 Luketich, James D., 6S, 120S Lundgren, Karl Rune, 707 Lurie, Keith G., 1084 Lynch, John P., 576

Macedo-Neto, Amarilio V., 1667 Mack, Michael J., 6S MacNeish, Clair F., 951 Macris, Nicholas, 548 Maddaus, Michael A., 1526 Maessen, Jos, 1290 Mahler, Donald A., 60, 858, 263S Make, Barry J., 1995, 289S Makita, Koshi, 1658 Mal, Herve, 645

Malhotra, Vineeta, 1711 Malik, Khalid J., 227 Mallory, George B., Jr., 217 Malo, Jean Luc, 968 Man, Abraham, 1522 Man, Godfrey C. W., 1028 Mandell, Lionel A., 188S Manfreda, Jure, 351, 933 Mangura, Bonita T., 234 Mansour, Kamal A., 660 Marabini, Alessandra, 964 Marcaigh, Aengus O, 563 Marcotte, François, 1459 Marenco, John P., 550 Marik, Paul E., 492 Marine, Joseph E., 1115 Markiewicz, Walter, 861 Marklund, Marie, 707 *Markowitz, Steven M., A16(May) Marmur, Silvia, 1522 Marras, Theodore K., 1689 Martel, Simon, 371 Martin, Gerard B., 743 Martin, Lawrence, 1141 Martinez, Elena, 1019 Marvisi, Maurizio, 1146 *Marwick, Thomas H., A16(May) Masferrer, Ray, 123S Mason, Andrew C., 820 Massard, Gilbert, 391 Massel, David, 172 Mastellone, Anthony J., 1190 Masuda, Hiroaki, 317 Mataragas, Nicholas R., 1064 Matsukura, Shigeru, 788 Matsuse, Takeshi, 1733 Mauch, Harald, 1542 Maurer, Janet R., 633 Maycher, Bruce, 933 Mayer, Ramona, 564 Mazzone, Peter, 830 McAdams, Holman Page, 826, 1305 McCaffree, D. Robert, 1682 McCord, James, 203 McDonald, Josh W., 117 McDonald, Reynard J., 234 McEvoy, Peter L., 1411 McEwen, James, 467 McFalls, Edward O., 676, 681 McFarlane, Lesley C., 34, 278 McGovern, Jeffrey, 795 McInturff, Susan, 2898 Mckenna, Robert J., 652 McKenna, Robert J., Jr., 1497 McKnite, Scott, 1084 Medinger, Ann Elizabeth, 612 Medoff, Benjamin D., 913 Mehta, Atul C., 252 Mehta, Jawahar, 565 Meisner, Dale, 951 Meli, Yvonne, 252 Melniker, Lawrence A., 297 Mendoza-Sassi, Gabriela, 421 Menezes, Sara L. S., 1667 Merati, Miloud, 1580 Metersky, Mark L., 1555 Meyer, Keith C., 1360 Meyer, Thomas J., 841 Meysman, Marc, 528 Michalis, Alkis, 15 Michalopoulos, Nickolaos, 1285 Milani, Richard V., 599 Milla, Carlos E., 1230 Miller, Albert, 1190, 1439

Miller, Andrew C., 1423 Miller, Daniel L., 2S Miller, Joseph I., 660 Miller, R. Drew, 123S Miller, Rachel L., 665 Miller, Sara E., 944 Miller, York E., 696 Millman, Richard P., 992 Mineo, Tommaso Claudio, 1402 Minh, Vu-Dinh, 566 Mion, Lorraine C., 1429 Mischler, Elaine, 1549 Mizuno, Hiroshi, 703 Modai, Jacques, 542 Mohanty, Pramod K., 809 Mohnssen, Steven R., 1705 Mohsenifar, Zab, 28 Molnar, Rowan R., 1481 Moncure, Michael, 1647 Montazeri, Ali, 467 Moore, Richard D., 1201 Moore, Robert H., 1095 Moores, Lisa K., 562 Morar, Pradeep, 77 Moreno, Rui, 752 Morera, Josep, 1195 Moritani, Chie, 452 Moritz, Dennis M., 739 Morley, John N., 845 Morris, Alan, 1132 Morris, Daniel C., 743 Morris, Rohinton J., 878 Mosca, Lori, 883 Moser, Kenneth M., 499 Mountain, Clifton F., 1728 Mounyam, Leonard, 687 Muers, Martin F., 1588 Mukae, Hiroshi, 788 Mukerji, Rita, 312 Mukerji, Vaskar, 312 Mukherjee, Jayanti, 131 Mulekar, Madhuri, 312 Muller, Nestor L., 1257 Muller, Peter, 1387 Mulligan, Katherine A., 1084 Mundy, Linda M., 1201 Muñoz Méndez, Jesús, 732 Murin, Susan, 851

Nagai, Rvozo, 317 Nair, Sreedhar, 123S Nakamura, Tetsuva, 317 Nakano, Takeshi, 555 Nakayama, Katsutoshi, 1425 Nakazato, Masamitsu, 788 Nakazawa, Koichi, 1658 Napolitano, Eileen C., 234 Natale, Luigi, 552 Natale, Ronald B., 32S Nath, Hrudaya, 1244 Nathwani, Dilip, 211S Naty, Saverio, 1272 Naughton, Matthew T., 104 Nelson, Harold S., 1264 Nelson, Patricia L., 327 Nervi, Angela, 550 Neuman, Michael, 351 Neumann, Peter, 443 Newman, Nancy, 883 Newman, Steve P., 957 Nezu, Kunimoto, 1511 Nicolas, Janet M., 1715

Myers, Jonathan, 1387

Niederman, Michael S., 1542, 1658, 1798, 2338
Niehans, Gloria A., 1526
Nielsen, Ingrid, 1145
Nieminen, Markku M., 1573
Nikolic, George, 850
Nofroni, Italo, 1402
Nonnenmann, Matthew W., 505
Noppen, Marc M. P., 528
Norberto, Jose J., 618
Nordman, Henrik, 1517
Nowak, Richard M., 743
Numata, Tetsuya, 306
Nunley, David R., 1235

O'Brien, Jennifer L., 1481 Ochoa, Laura L., 576 Odink, Roelof L., 584 O'Donohue, Walter J., 289S O'Donohue, Walter J., Jr., 1431 Oelberg, David A., 913, 1459 Ofulue, Anwuli Felix, 1257 Ogawa, Kazuhiko, 788 Ohori, N. Paul, 1235 Ohwada, Takashi, 178 Ojserkis, Bennett E., 256 Oksa, Panu, 1517 Oldach, David, 1201 Olman, Mitchell A., 1436 Olsen, Gerald N., 1438 Ong, Kian Chung, 1673 Onodera, Hideaki, 1632 Opal, Steven M., 1442 Oppenheimer, Edward A., 2898 O'Sullivan, Brian P., 537 Ouchi, Yasuyoshi, 1733 Oury, Tim, 534 Overbeck, Maria, 1055 Owen, Randall P., 244

Pacht, Eric R., 401 Padhi, I. Desmond, 1489 Padilla, Eduardo, 1195 Padilla-Navas, Isabel, 1425 Paiva, Daniela S. S., 1667 Pajeau, Tammy S., 78S Palasiewicz, Grzegorz, 65 Palatianos, George M., 15 Palevsky, Harold I., 890 Palla, Antonio, 559 Palmer, Robert M., 1429 Palmer, Scott M., Jr., 237, 534, 944 Papadopoulos, Konstantinos, 1285 Paradis, Norman A., 743 Pareja, Jaime, 1215 Pariente, Rene, 645 Park, Soon, 676 Park, Yong, 719 Parker, Mark S., 154 Passannante, Marian R., 234 Paternain, Jose L., 371 Patt, Cary, 25 Patterson, Patricia E., 1178 Patz, Edward F., Jr., 74S, 1302, 1305 Pavoni, Gianni, 1492 Pedro-Botet, Maria Lluisa, 1195 Pekkarinen, Heikki, 1560 Pelaia, Girolamo, 1272 Peloquin, Charles, 1154 Peltier, Marcel, 671 Peña Griñán, Nicolás, 732 Pendlebury, Sarah, 1595

Pépin, Jean-Louis, 1595 Peracchia, Alberto, 14.3 Perry, Ryan J., 1028 Peters, Jay I., 1146 Peterson, Donald D., 841, 997 Petruzzelli, Stefano, 559 Petty, Thomas L., 123S, 256S Peyerl, Marcus, 1070 Phang, P. Terry, 1347 Philip, Anders, 459 Philippe, Eddy G., 1466 Phillips, Penny, 1178 Pihlajamaki, Jussi, 1560 Pineo, Graham F., 499 Pinsky, Michael R., 434 Pipy, Bernard, 371 Pistelli, Riccardo, 334 Pitard, Alexandre, 1580 Plotkin, Elizabeth, 834 Polos, Peter G., 1125 Pompeo, Eugenio, 1402 Pope, C. Arden, III, 1312 Postma, Dirkje S., 182 Postmus, Pieter E., 28S Potratz, Juergen, 1415 Pouillart, Frederic, 1296 Powell, Nelson, 1163 Pozo Rodriguez, Francisco, 1143 Prados, Concepcion, 111 Prefaut, Christian G., 900 Prentice, Donna, 759 Presberg, Kenneth W., 1250 Pressman, Mark R., 841 Preux, Pierre-Marie, 1475 Prewitt, Lela M., 619 Promisloff, Robert A., 878 Puglisi, Armando, 919 Puigcerver, Maria Teresa, 845 Pukkala, Eero, 1517

Quarnstrom, Judy, 514 Quinn, Thomas C., 1201 Quinn, Timothy J., 505 Quittan, Michael, 906

Radack, Daniel M., 997 Rady, Mohamed Y., A24(April) Raffoul, Richard, 1296 Raggi, Paolo, 91 Ramanathan, Ramesh K., 53S Rambaud, Geoffrey, 1475 Rami-Porta, Ramon, 1728 Ramos, Ricardo R., 117 Ramsdell, Joe W., 283, 290 Randel, Robert King, 1007 Randolph, Adrienne G., 165 Rangel, Josefa M., 1452 Raskob, Gary E., 499 Ratte, Reto, 1387 Rauf, Khalid, 1319 Ray, Nancy Fox, 1277 Rayder, Shawn M., 537 Reader, Sandra J., 957 Regnier, Bernard, 421 Reich, Jerome M., 147, 557, 559, 1143 Reichart, Bruno, 1070 Reichel, Joseph, 244 Reichman, Lee B., 234, 1153 Reis Miranda, Dinis, 752 Reisner, Shimon A., 861 Rello, Jordi, 1155 Rennard, Stephen L., 123S, 235S

Rescigno, Giuseppe, 1296 Resnikoff, Pamela M., 619 Rey, Jean-Luc, 671 Reybet-Degat, Olivier, 1580 Reynolds, Herbert Y., 192 Reyt, Emile, 1595 Rhee, Chong H., 344 Rhew, David C., 142 Ricci, Teresa, 334 Rice, Thomas B., 1549 Rice, Thomas William, 252 Richards, Ira. 42 Richardson, Gregory, 576 Riedel, Martin, 687 Ries, Andrew L., 619 Rietveld, Simon, 50 Rijssenbeek-Nouwens, Lous H.M., 50 Riley, Robert W., 1163 Rinkevich, Diana, 861 Rio, Francisco Garcia, 111 Ripandelli, Antonio, 964 Rivers, Emanuel P., 743 Robbins, Robert C., 365 Robert, Dominique, 289S Roberts, Allen H., II, 1715 Robinson, C. Andrew, 1178 Robinson, Lisa J., 237 Rocco, Patricia R. M., 1667 Rochat, Thierry R., 768 Roche, Nicolas, 1684 Rodrigo, Carlos, 593, 1427 Rodrigo, Gustavo, 593, 1427 Roebuck, Teanau, 104 Rohatgi, Prashant K., 612 Rom, William N., 379 Rosenbaum, Stanley, 569 Rosenberg, Cynthia, 992 Ross, Steven E., 1647 Rossoff, Leonard J., 851 Rothschild, Jeffrey M., 853 Rottman, Jeffrey N., 327 Rouge, Clothilde, 391 Rouleau, Michel Y., 968 Rovner, Marc S., 1423 Roy, Thomas M., 1426 Rubin, Eben M., 1019 Ruffin, Richard E., 838 Ruiz, Vicente, 671 Rumbak, Mark J., 850 Runkel, Norbert, 1055 Rusakow, Lee S., 1549 Rusch, Valerie W., 696 Rusconi, Cesare, 482 Russell, Douglas C., 91 Russell, James A., 1347 Russi, Erich W., 254, 1718 Ryan, Christopher W., 66S Ryskamp, Richard P., 162

Saari, S. Marisanna, 1573
Sabria, Miquel, 1195
Sachs, David P. L., 856
Sachs, R. Gregory, 848
Sahebjami, Hamid, 1604
Sahlin, Carin, 707
Saijo, Nagahiro, 17S
Sakamaki, Tetsuo, 317
Sakoda, Tsuyoshi, 243
Saldiva, Paulo Hilario, 1312
Salerno, Christopher T., 1526
Salinger, Michael, 1138
Saltzman, Herbert A., 499
Sammarro, Sandra, 334

Samuels, Louis E., 878 Sanner, Bernd M., 714 Sansores, Raul H., 1257 Santamaria, John D., 1481 Santilli, Steven, 681 Santos, Leonardo V., 1667 Saraceno, Joseph L., 852 Sartori, Sergio, 1145 Sasaki, Hidetada, 1425 Sato, Kunio, 317 Sawicki, Rafal W., 240 Scalise, Paul L. 86 Schaaff, Doris, 405 Schaberg, Tom, 1542 Schaffartzik, Walter, 1055 Schauer, Philip, 120S Scheftel, Marge, 681 Schein, Mark J., 1497 Scherer, Thomas A., 1019 Schlossberg, David, 387 Schlosshauer, Maximilian, 1428 Schluger, Neil W., 379 Schomig, Albert, 687 Schonfeld, Alvin J., 1127 Schreiber, Ernst-Gilbert, 826 Schreiner, Stephanie R., 839 Schroder, Klaus, 1055 Schulz, Christian, 687 Schwartz, David A., 505 Schwartz, David N., 194S Schwartz, Douglas B., 852 Schwartz, Yehuda, 1522 Schwarz, Marvin I., 1123, 1130, 1609 Scolari, Nadia, 1425 Scorsin, Marcio, 1296 Seckler, Benjamin, 25 Seebauer, Tobias, 1070 Seim, Rosa H., 323 Sekizawa, Kiyohisa, 1425 Self, Timothy H., 1134 Senden, Nicole, 1290 Senior, Robert M., 327 Sentambrogio, Luigi, 1492 Seriff, Nathan S., 548 Serres, Isabelle, 900 Severini, Carla, 964 Shah, Sanjay P., 1190 Shalay, Abrahim, 1408 Shannon, Daniel C., 540 Shanoudy, Hany, 91 Shapiro, Steven D., 759 Shatz, David V., 1064 Sheikhzadeh, Abdolhamid, 1415 Sheps, Sheldon G., 263 Shilkret, Kenneth L., 1446 Shim, Jae Jeong, 20 Shindo, Masateru, 178 Shinno, Hiroyuki, 849 Shure, Deborah, 123S Siafakas, Nikolaos M., 1091 Sibbald, William J., 172 Side, Eleonora, 774 Sidhu, Updesh Singh, 1711 Siegel, Ronald, 1250 Siegfried, Jill M., 40S Siewert, Jorg R., 687 Silbert, Brendan S., 1481 Silver, Patricia, 759 Simon, David G., 883 Singh, Vivian, 77 Siracusa, Andrea, 964 Slade, Herbert B., 283, 290 Slaughter, Mark S., 676

Sleiman, Charles, 645

Sliwinski, Pawel, 65 Slotten, Ross, 1127 Smaldone, Gerald C., 853 Small, David L., 1459 Small, Peter, 1452 Smirnoff, Meg. 25 Smith, Lou Crocker, 845 Smith, Mieke, 182 Snyder, Richard W., 240 Sohail, Syed, 227 Soliman, Adel, 91 Solin, Peter, 104 Soma, Kazui, 178 Sopena, Nieves, 1195 Sorgato, Alberico, 482 Sostman, Henry D., 499 Sourvinos, George, 1091 Souza, Marcelo B., 1312 Spandidos, Demetrios A., 1091 Spapen, Herbert, 1616 Spector, Sheldon L., 1264 Spies, Claudia, 1055 Spira, Avrum, 1723 Spodick, David H., 558, 855, 1372 Spohn, Phillip, 514 Springer, Chaim, 571 Staroselsky, Alexander N., 1522 Steed, Karen P., 957 Stein, Hubert J., 687 *Stein, Keith L., A16(Feb) Stein, Paul D., 499 Stein, Phyllis K., 327 Steiner, Robert M., 997 Stelmach, Paulette, 1555 Stey, Claudia A., 254 Stiebellehner, Leopold, 906 Stoller, James K., 564, 1141 Storms, William W., 1264 Stover, Diane E., 1 Strange, Charlie, 1423 Strayhorn, Valerie, 1134 Strimlan, C. Vaughn, 1732 Sturm, Alexander, 714 Sugarbaker, David J., 61S Sumino, Hiroyuki, 317 Susanto, Irawan, 1146 Suster, Bernard, 1428 Suzuki, Yasunosuke, 723 Swieca, John, 104 Sydow, Michael, 443 Systrom, David M., 913 Szidon, Peter, 896

Takahama, Makoto, 1511 Takeuchi, Masaaki, 306 Tan, Kia S., 34, 278 Tan, Rana T., 1250 Taniguchi, Haruko, 788 *Tapson, Victor F., 237, 499, 534, 844, 944, A16(April) Tarnoff, Michael, 1647 Tashkin, Donald P., 845, 1264 Tassinari, Davide, 1145 Tate, Robert B., 351 Tavel, Morton E., 1119, 1399, 1705 Tehou, Patrick R., 252 Teeter, John G., 272 Teitelman, Uri, 861 ten Hacken, Nick H. T., 182 TenVergert, Elisabeth M., 124, 358 Teramoto, Shinji, 1730, 1733 Terreni, Maria R., 919 Testori, Alberto, 1492

Thamer, Mae, 1277 Theodore, James, 365 Thijs, Lambertus G., 1533 Thomashow, Byron M., 665 Timens, Wim, 182 Tinkelman, David, 283, 290 Tino, Gregory, 890 Tisdale, James, 1489 Tobiasz, Miroslaw, 65 Toepfer, Marcell, 1428 Tojo, Takashi, 1511 Tolley, Elizabeth, 1134 Torres, Jose Miguel, 387 Torrington, Kenneth G., 1411 Totapally, Balagangadhar R., 1207 Tranfa, Carmelindo M.E., 1272 Trapp, John F., 505 Trela-Fulop, Kathleen, 401 Trevisani, Lucio, 1145 Tribouilloy, Christophe, 671 Troell, Robert J., 1163 Trottier, Steven J., 162 Trovillion, Ellen, 759 Trulock, Elbert P., 576, 269S Tschop, Matthias, 1428 Tudela, Pere, 1195 Tuder, Rubin M., 1609 Tukiainen, Hannu, 1560 Turjanmaa, Vaino M. H., 1573 Tutein Nolthenius, Rudolf P., 1640 Tzelepis, George E., 15, 1285

Uberti-Foppa, Caterina, 919 Uchida, Tokujiro, 1658 Ulrik, Charlotte Suppli, 973 Unger, Michael, 240, 696 Urata, Yoji, 1632 Urso, Katie, 1208 Uva, Miguel Sousa, 1296

Vachon, Francois, 421 Vadas, Elizabeth B., 951 Valentine, Vincent G., 365 van Aalderen, Wim M. C., 584 van der Bij, Wim, 124, 358 van Enckevort, Petra J., 124, 358 van Saene, Rick, 77 VanderLaan, Ronald L., 816 Varon, Joseph, 492 Varray, Alain L., 900 Vasquez, Andres, 387 Vattulainen, Kimmo, 1517 Vaughan, David, 131 Vergis, Emanuel, 1158 Vergnon, Jean Michel, 1091 Vidgren, Mika T., 1573 Vignon, Philippe, 1475

Villa, Antonio, 1425
Villagómez Cerrato, Rafael, 732
Villamor, Jose, 111
Villena, Victoria, 1143
Vincent, Jean-Louis, 1616
Vincken, Walter G., 528
Visser, Martin J., 584
Vizza, Carmine Dario, 576
Vleminckx, Wim, 1616
Vogelzang, Nicholas J., 66S, 723
Vogt, Peter, 254
Von Harz, Benjamin, 1339
Votto, John J., 86
Vrints, Christiaan J.M., 1417
Vyleta, Martin, 714

Wada, Hiromi, 703 Wagner, Henry, Jr., 92S Wagner, Ira J., 1429 Wagner, John G., 1048 Wahl, Peter M., 890 Waldrep, J. Clifford, 1573 Wallace, Jeanne M., 845 Walley, Keith, 1347 Walsh, William T., 1207 Walters, Eugene H., 104, 774 Wang, Andrew, 237 Wang, Nai-San, 795 Wanner, Adam, 1019 Ward, Cliff, 1394 Ward, Herbert B., 676, 681 Ward, Suzanne M., 327, 412 Warren, William H., 896 Warwick, Warren J., 1230 Wasserman, Karlman, 1148, 1705 Watt, Janet L., 505 Weaver, Lindell K., 1132 Weber, Susan L., 227 Wedderburn, Raymond, 1064 Weg, John G., 521 Wegner, Carole B., 1549 Weil, Max Harry, 1379 Weingarten, Scott R., 28, 142 Weinmann, Gail, 123S Weinstein, Robert A., 194S Weisman, Idelle M., 602, 1705 Weiss, Daniel J., 246 Weitzenblum, Emmanuel, 567 Welzel, Julia, 1415 Weschler, Frank, 1138 West, John B., 1695 White, Alexander C., 550 White, Charles S., 820 Wiedemann, Herbert P., 252 Wiegand, Uwe, 1415 Wieselthaler, Georg, 906 Wihlm, Jean-Marie, 391

Wildhaber, Johannes H., 186 Wilkins, Harry E., III, 1145 Williams, Randall, 1138 Williams, Tim J., 1394 Williams, Trevor J., 774 Wilson, Archie F., 652 Wilson, Robert, 242S Windsor, Jimmy, 1064 Winterbauer, Richard H., 1148 Winters, Stephen L., 848 Winton, Timothy L., 924 Wolff, Michel A., 421 Wolkove, Norman, 1459 Wollschlager, Christine M., 86 Wong, Philip W., 548 Wood, Kelly A., 1339 Woodhead, Mark, 183S Woolf, Steven, 166S Worrell, John A., 154 Woywodt, Alexander, 1415 Wu, Wen-Choa, 795

Xie, Canmao, 795

Yada, Isao, 555 Yamada, Norikazu, 555 Yamakido, Michio, 452 Yankaskas, James R., 217 Yasuda, Fuyuhiko, 555 Yildirim, Zeki, 1144 Yim, Anthony Ping Chuen, 270 Yokomise, Hiroyasu, 703 Yokovama, Kuninori, 1658 Yokoyama, Mitsuhiro, 243 Yoo, Se Hwa, 20 Young, K. Randall, Jr., 1244 Young, Madeleine, 210 Yousem, Samuel A., 1235 *Yu, Mihae, A16(Mar) Yu, Victor L., 1158 Yungbluth, Margaret, 1127

Zagdanski, Anne-Marie, 542 Zamani, Karen, 1466 Zamel, Noe, 1497 Zamora, Martin R., 1609 Zeballos, R. Jorge, 602, 1705 Zhang, Haibo, 1616 Zias, Elias A., 244 Zidek, Walter, 714 Zielinski, Jan, 65 Zimmer, Peter, 1731 Zimmerman, Jerry J., 1360 Zin, Walter A., 1667 Zinserling, Jorg, 443 Zollinger, Andreas, 1718 ZuWallack, Richard L., 86

SUBJECT INDEX Volume 113 (JANUARY-JUNE, 1998)

Abdomen, pain, elevated right hemidiaphragm and, in a 36-year-old postpartum woman, 1715

Ablation, radiofrequency, for sleep-disordered breathing, 1151

Abnormalities, congenital bronchial atresia with mucocele, branching parenchymal mass, 523

lung transplantation for Williams-Campbell syndrome, 534

presentation and surgical management of bronchogenic and esophageal duplication cysts in adults, 1492

tracheal bronchus: a cause of prolonged atelectasis in intubated children, 537

Abscess, lung, treatment of Legionella: unanswered questions? 845 Abstracts from the European Respiratory Journal: See European Respiratory Journal

Accidents: See Trauma

ACCP medical personnel services, see College

ACCP-SEEK board review question of the month, man with dyspnea, productive cough, and chest radiograph showing hyperinflation and a diffuse nodular pattern, 1123

a 77-year old man with progressive dyspnea on exertion, 521

N-acetyl-L-cysteine, does (it) influence cytokine response during early human septic shock? 1616

Acid-base equilibrium: See pH

Acidosis, intramucosal, 1064

Acinetobacter baumannii, impact of tracheotomy on colonization and infection of lower airways in children requiring long-term ventilation, 77

Acquired immunodeficiency syndrome: See also HIV infections; comparison of induced and expectorated sputum for the diagnosis of *Pneumocystis carinii* pneumonia, 1555

diagnostic strategy for *Pneumocystis carinii* pneumonia: is doing less better than doing more? 1443

patients, cytomegalovirus pneumonia in, 919

patients requiring mechanical ventilator support due to *Pneumo- cystis carinii* pneumonia, CD4 lymphocyte counts and mortality in, 430

-related bronchogenic carcinoma: fact or fiction? 154

treatment of Legionella lung abscess: unanswered questions? 845 Activities of daily living: See also Quality of life;

aerobic endurance training program improves exercise performance in lung transplant recipients, 906

effect of lung transplantation on health-related quality of life: a longitudinal study, 358

evaluation of dyspnea during physical and speech activities in patients with pulmonary diseases, 625

health-related quality of life: what is being measured? 1147 ICU outcomes for patients with HIV infection: a moving target,

validation of a new dyspnea measure: the UCSD Shortness of Breath Questionnaire, 619

Acute phase response: See Inflammation

Adenocarcinoma, pseudomesotheliomatous, of the lung in a patient with HIV infection, 839

Adenosine triphosphate hydrolysis, 1064

Adenovirus, community respiratory viral infection in adult lung transplant recipients, 944

it's not "just a virus" anymore, 859

Admissions, chronic ventilator unit criteria, 257

Adolescents, pulmonary opacities and glomerulonephritis in a 15year-old boy, 525

vocal cord dysfunction associated with exercise in girls, 540 women, smoking, and lung cancer, 1

Adrenal insufficiency, ARDS and, associated with the antiphospholipid antibody syndrome, 1136

Adrenergic beta-agonists, how often should (they) be administered? 1427

comparative knowledge and practice regarding drug therapy for acute myocardial infarction, 297

new guidelines for hypertension: Joint National Committee VI, 263

review of why and how we may use (them) in congestive heart failure. 800

Proventil and Ventolin have similar safety profiles during regular use, 290

Proventil HFA provides bronchodilation comparable to Ventolin over 12 weeks of regular use in asthmatics, 283

receptor agonists, short-term cardiovascular effects of salmeterol, 1272

Adrenergic beta₂-adrenoceptor regulation and function in female asthmatic patients receiving the oral combined contraceptive pill, 278

agonists, high-dose nebulized, effect of regular use of, on resting energy expenditure, weight, and handgrip strength in patients with chronic airflow limitation, 1588

agonists, is normal bronchial responsiveness in asthmatics a reliable index for withdrawing inhaled corticosteroid treatment? 964 agonists, long-acting inhaled, in asthma therapy, 1095

agonists, iong-acting innaett, in astima therapy, 1933 antagonists, no paradoxical bronchodilator response with forced oscillation technique in children with cystic fibrosis, 55

in vivo subsensitivity, concomitant administration of low-dose prednisolone protects against, induced by regular formoterol, 34

receptor blockade, effects of tracheal suctioning on respiratory resistance in mechanically ventilated patients, 1335

Adrenomedullin, a player at high altitude? 1428

Adult respiratory distress syndrome: See Respiratory distress syndrome, adult

Aerobic endurance training program: See Exercise

Aerosols: See also Nebulizers; asthma therapy clarified, 851

combination of partial liquid ventilation and inhaled nitric oxide in the severe oleic acid lung injury model, 1658

comparison of the availability of tobramycin for inhalation from vented vs unvented nebulizers, 951

effect of regular use of high-dose nebulized beta₂ agonists in patients with chronic airflow limitation, 1588

is normal bronchial responsiveness in asthmatics a reliable index for withdrawing corticosteroid treatment? 964

longitudinal determinants of bronchial responsiveness to inhaled histamine, 973

recombinant human DNase I, treatment of idiopathic bronchiectasis with, 1329

regional lung deposition and clearance of 99mTc-labeled beclomethasone-DLPC liposomes in mild and severe asthma, 1573

African-Americans, race, income, urbanicity, and asthma hospitalization in California: a small area analysis, 1277

Age and aging, atrial fibrillation after bypass surgery, 1489

controversies surrounding long-term anticoagulation of very elderly patients in atrial fibrillation, 1115

diagnostic and management strategies for diffuse interstitial lung diseases, 192

effect of physiologic and mechanical aging on the performance of peak flowmeters, 774

factors predictive of survival among 337 patients with mesothelioma, 723

foreign body aspiration into the lower airways may not be unusual in older adults, 1733

new guidelines for hypertension: Joint National Committee VI, 263 normal left ventricular ejection fraction in older persons with congestive heart failure, 867

recovery and limitation of exercise capacity after lung resection for lung cancer, 1511

relative survival analysis of 252 patients with COPD receiving long-term oxygen therapy, 1580

Streptococcus pneumoniae bacteremia in a community hospital.

use of transesophageal echocardiography to predict significant coronary artery disease in aortic stenosis, 671 ventricular arrhythmias in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

Aging: See Age and aging

Agriculture, effect of glucocorticoids on grain dust-induced airway disease, 505

respiratory symptoms in a susceptible population due to burning of agricultural residue, 351

urban air pollution: why is it a health problem? 1161

AIDS: See Acquired immunodeficiency syndrome

Air, cold, effect of, on exercise capacity in COPD: increase or decrease? 1560

leak, prolonged, following radical upper lobectomy: an analysis of incidence and possible risk factors, 1507

pollution, respiratory changes due to long-term exposure to urban levels of: a histopathologic study in humans, 1312

pollution, respiratory symptoms in a susceptible population due to burning of agricultural residue, 351

pollution, urban: why is it a health problem? 1161

samples, avoiding, in pleural fluid pH samples, 1729, 1730 trapping, bronchiolitis obliterans after lung transplantation: detection using expiratory HRCT, 365

Airflow limitation, chronic, effect of regular use of high-dose nebulized beta₂-agonists in patients with, 1588

Airway: See also Airway obstruction below; headings beginning with Bronch...; disease, effect of glucocorticoids on grain 505 erosion of implantable cardioverter defibrillator patch electrode

erosion of implantable cardioverter delibrillator patch electrode into: an unusual cause of recurrent hemoptysis, 252 hyperresponsiveness, respiratory symptoms in a susceptible popu-

lation due to burning of agricultural residue, 351 inflammation, human, techniques in: quantity and morphology of bronchial biopsy specimens taken by forceps of three sizes,

bronchial biopsy specimens taken by forceps of three sizes, 182

inflammation, long-acting inhaled $beta_2$ -agonists in asthma therapy, 1095

inflammation, respiratory changes due to long-term exposure to urban levels of air pollution: a histopathologic study in humans, 1312

invasion by esophageal cancer, preoperative bronchoscopic assessment of: a prospective study, 687

large, disease associated with inflammatory bowel disease, 1723 lower, foreign body aspiration into, may not be unusual in older adults. 1733

lung transplantation for Williams-Campbell syndrome, 534 nonspecific hyperresponsiveness in HIV disease, 845, 846

oral, effect of high-frequency chest wall and, oscillation and conventional chest physical therapy on expectoration in patients with stable cystic fibrosis, 1019

resistance, effects of tracheal suctioning on respiratory resistance in mechanically ventilated patients, 1335

resistance, pediatric reference values for respiratory resistance measured by forced oscillation, 1322.

resistance, respiratory, in the emergency department: a reproducible and responsive measure of asthma severity, 1566

responsiveness, longitudinal determinants of, to inhaled histamine, 973

responsiveness, normal, in asthmatics, (is it) a reliable index for withdrawing inhaled corticosteroid treatment? 964 spectrum of irritant-induced asthma: sudden and not-so-sudden

onset and the role of allergy, 42 upper, changes in snorers and mild sleep apnea sufferers after

uvulopalatopharyngoplasty (UPPP), 1595 upper, CT in the evaluation of, in healthy subjects and in patients

with obstructive sleep apnea syndrome, 111

upper, resistance syndrome, radiofrequency ablation for sleepdisordered breathing, 1151

Airway obstruction, arterial blood pressure response to transient arousals from NREM sleep in nonapneic snorers with sleep fragmentation, 985

dose-response relationship and irreversible obstructive ventilatory defect in patients with consumption of Sauropus androgynus, 71

more on, with percutaneous tracheostomy, 850

relationship between respiratory symptoms and, in adult asthmatics, 272 reversible, short-term cardiovascular effects of salmeterol, 1272 ventilatory impairment in asthma: perceptions vs measurements, 265

with percutaneous tracheostomy, 849

Albumin, prediction of mortality in febrile medical patients: how useful are systemic inflammatory response syndrome and sepsis criteria? 1533

Albuterol, concomitant administration of low-dose prednisolone protects against *in vivo* beta₂-adrenoceptor subsensitivity induced by regular formoterol, 34

delivery from a hydrofluoroalkane pressurized metered-dose inhaler in pediatric ventilator circuits, 186

how often should beta-agonists be administered? 1427

Proventil and Ventolin have similar safety profiles during regular use, 290

Proventil HFA provides bronchfodilation comparable to Ventolin over 12 weeks of regular use in asthmatics, 283

therapeutic response patterns to high and cumulative doses of, in acute severe asthma, 593

Alcohol, new guidelines for hypertension: Joint National Committee VI, 263

Algorithms, treatment: See Guidelines

α-granules: See Chemokines

α₁-antitrypsin deficiency: See Antitrypsin Altitude, high, adrenomedullin: a player at? 1428

uttude, nign, aurenomedium: a piayer arr 1429
rehabilitation of hypoxemic patients with COPD at low altitude at
the Dead Sea, the lowest place on earth, 571

what happens in the Dead Sea? 566

Alveolar-arterial osygen pressure, comparison of pulmonary gas exchange measurements between incremental and constant work exercise above the anaerobic threshold, 602

Alveolar proteinosis: See Proteinosis

Alveolar proteinosis, pulmonary: See Proteinosis

Alveolar type II epithelial cell tumors, analysis of cell type and radiographic presentation as predictors of the clinical course of patients with bronchioloalveolar cell carcinoma, 997

Alveôli, diffuse hemorrhage, isolated pulmonary capillaritis and, in rheumatoid arthritis and mixed connective tissue disease, 1609 diffuse hemorrhage, pulmonary opacities and glomerulonephritis in a 15-year-old boy, 525

macrophages of ARDS following sepsis, expression of inducible nitric oxide synthase and inflammatory cytokines in, 1632

relationship of alveolar macrophage plasminogen activator and elastase activities to lung function and CT evidence of emphysema, 1257

Alveolitis, cryptogenic fibrosing, survival in patients with: a population-based cohort study, 396

cryptogenic fibrosing, usual interstitial pneumonitis responsive to corticosteroids following varicella pneumonia, 249

diagnostic and management strategies for diffuse interstitial lung diseases, 192

Ambulatory care, radiofrequency ablation for sleep-disordered breathing, 1151

treatment of spontaneous pneumothorax: the clinician's perspective on pneumothorax management, 1423, 1424

tuberculin and anergy skin testing of patients receiving long-term hemodialysis, 25

American College of Chest Physicians, audience response system, board review courses for critical care medicine, 1141, 1142 immunity is forever, 1680

my brother, Ed, 1151

opinions regarding the diagnosis and management of venous thromboembolic disease, 499

prophylaxis for deep venous thrombosis: the ACCP antithrombotic statement, revisited, 844

tobacco issues and, 1682

American Lung Association, my brother, Ed, 1151

American Medical Association, CPT coding and Medicare reimbursement: from beans to bullets, 1431

American Thoracic Society, my brother, Ed, 1151

American Thoracic Society guidelines for community-acquired pneumonia: See Guidelines

Amino acids, does N-acetyl-L-cysteine influence cytokine response during early human septic shock? 1616

Amiodarone-induced adverse effects at the beginning of oral therapy: clinical implications, 848

Amoxicillin, economic study of ciprofloxacin vs usual antibiotic treatment in acute exacerbations of chronic bronchitis, 131

Amphotericin B, hypoxic respiratory failure in a 30-year-old spelunker, 1125

AMPLICOR test: See Polymerase chain reaction

Anaerobic threshold, comparison of pulmonary gas exchange measurements between incremental and constant work exercise above, 602

Anaphylaxis, coronary artery spasm complicating, secondary to skin disinfectant, 1417

Anergy skin testing, tuberculin and, of patients receiving long-term hemodialysis, 25

Anesthesia, early extubation following coronary artery bypass surgery: a prospective randomized controlled trial, 1481

local, video-assisted tale pleurodesis for malignant pleural effusions utilizing IV sedation and, 739

Aneurysm, pulmonary artery, hilar mass and papilledema on presentation, 227

pulmonary artery, massive hemoptysis from, associated with an emphysematous bulla, 1130

right ventricular, associated with advanced hypertrophic cardiomyopathy, 552

Angina, coronary bypass grafting for single-vessel coronary artery disease: a 17-year review with short- and long-term follow-up,

natural history and rate of progression of aortic stenosis, 1109 role of dobutamine stress echocardiography in heart transplant patients, 809

of transesophageal echocardiography to predict significant coronary artery disease in aortic stenosis, 671

variant, 5- $\dot{H}T_{\rm 1D}$ beta receptor mediates the supersensitivity of isolated coronary artery to serotonin in, 243

Angiography, opinions regarding the diagnosis and management of venous thromboembolic disease, 499

Angiotensin-converting enzyme, inhibitor and swallowing reflex, 1425

inhibitors, influence of gender on cough reflex sensitivity, 1319 inhibitors, ventricular arrhythmias in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

new guidelines for hypertension: Joint National Committee VI, 263 review of why and how we may use beta-blockers in congestive heart failure, 800

Annuloplasty ring: See Heart valves

Anoxemia, a case of systemic lupus erythematosus or hepatitis C virus? 1146

acute oxygen supplementation does not relieve the impairment of respiratory muscle strength in hypoxemic COPD, 334

hour-to-hour variability of oxygen saturation in sleep apnea, 719 multifocal atrial tachycardia, 203

prevalence of patent foramen ovale and its contribution to hypoxemia in patients with obstructive sleep apnea, 91

rehabilitation of hypoxemic patients with COPD at low altitude at the Dead Sea, the lowest place on earth, 571

respiratory complications after coronary artery bypass surgery with unilateral or bilateral internal mammary artery grafting, 1285 trepopnea following lung resection due to interatrial shunt, 1726

what happens in the Dead Sea? 566 Anoxia, acute dyspnea and hypoxia in a 37-year-old woman with

sarcoidosis, 830 adrenomedullin: a player at high altitude? 1428

hypoxic respiratory failure in a 30-year-old spelunker, 1125 Anthracofibrosis, bronchial stenosis due to anthracofibrosis, 344

Antiandrogen agents, eosinophilic lung disease induced by bicalutamide: a case report and review of the literature, 548

Antiarrhythmic agents, ventricular arrhythmias in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

Antibiotics, clinical benefit of in-hospital observation in 'low-risk' pneumonia patients after conversion from parenteral to oral antimicrobial therapy, 142

comparison of the availability of tobramycin for inhalation from vented vs unvented nebulizers, 951

influence of mini-BAL cultures on patient outcomes: implications for the management of ventilator-associated pneumonia, 412 mechanisms and management of COPD, Apr. supp., pp. 233S-2878

1-year community-based health economic study of ciprofloxacin vs usual antibiotic treatment in acute exacerbations of chronic bronchitis, 131

prescription of macrolides in community-acquired pneumonia: science or art? 1155

resistance, new macrolides or new quinolones as monotherapy for patients with community-acquired pneumonia: our cup runneth over? 1158

resistance, pneumococcal bacteremia in childhood: a 6-year experience in a community hospital, 1207

thoracic empyema in HIV-infected patients: microbiology, management, and outcome, 732

Anticoagulation: See Heparin; Warfarin

Anti-inflammatory agents, long-acting inhaled beta2-agonists in asthma therapy, 1095

therapy, diagnostic and management strategies for diffuse interstitial lung diseases, 192

Anti-inflammatory response, compensatory cytokine interleukin-10 response in pediatric sepsis-induced multiple organ failure, 1625 Antimycobacterial agents, low serum levels in non-HIV-infected

tuberculosis patients, 1178 pulmonary Mycobacterium avium complex disease without dissemination in HIV-infected patients, 542

serum concentrations of, 1154

Antioxidants, BAL fluid contains detectable superoxide dismutase 1

Antiphospholipid antibody syndrome, ARDS and adrenal insufficiency associated with, 1136

Antitrypsin α₁ deficiency: See also Emphysema:

long suffering of Frederic Chopin, 210 PiZ, heart rate variability reflects severity of COPD in, 327

severe, clinical features and natural history of: Roger S. Mitchell lecture, vol. 111:123S-128S; erratum, vol. 113:564

Anxiety, predictors of quality of life and adjustment after lung transplantation, 633

Aorta, quantification of traumatic hemomediastinum using transesophageal echocardiography: impact on patient management, 1475

Aortic plaque, use of transesophageal echocardiography to predict significant coronary artery disease in aortic stenosis, 671

Aortic root pressure, systolic, comparison between finger blood pressure and, 1466

Aortic stenosis, adult, ventricular arrhythmias in: prevalence, mechanisms and clinical relevance, 482

natural history and rate of progression of, 1109

use of transesophageal echocardiography to predict significant coronary artery disease in, 671

Apnea: See Sleep apnea; Sleep apnea syndromes, obstructive

ARDS: See Respiratory distress syndrome, adult Arginine, N-nitro-L-arginine methyl ester (L-NAME), effect of, an inhibitor of nitric oxide synthesis on cardiopulmonary function in human septic shock, 1640

Arrhythmia, does (it) or the characteristics of the patients prolong hospital stay? atrial fibrillation after bypass surgery, 1489 multifocal atrial tachycardia, 203

ventricular, in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

Arterial blood gas analysis: See Blood gas

Arterial elastance, left ventricular-arterial system coupling at peak exercise in dilated nonischemic cardiomyopathy, 870

Arterial thermal dye dilution: See Dye

Arthritis, rheumatoid, false-positive results of carcinoembryonic antigen in pleural effusions, 1143, 1144

isolated pulmonary capillaritis and diffuse alveolar hemorrhage in mixed connective tissue disease and, 1609

Artificial respiration: See Respiration, artificial

Asbestos-related pulmonary plaques, absence of left-sided predominance in: a CT study, 1034

a 77-year old man with progressive dyspnea on exertion, 521 Asbestosis, progression of, predicts lung cancer, 1517

Sherlock Holmes, Albrecht Dürer, and Socrates: the International Labour Office radiographic classification of pneumoconioses reassessed for, 1439

Asia, dose-response relationship and irreversible obstructive ventilatory defect in patients with consumption of Sauropus androgy-

Aspergillosis, allergic bronchopulmonary, long suffering of Frederic Chopin, 210

allergic bronchopulmonary, middle-aged woman with chronic productive cough diagnosed using sputum wet mount examination, 1411

chronic necrotizing pulmonary: approach to management, 852 massive hemoptysis from a pulmonary artery aneurysm associated with an emphysematous bulla, 1130

Aspiration biopsy: See Biopsy

Aspiration, foreign body, into the lower airways may not be unusual in older adults, 1733

Aspiration pneumonia: See Pneumonia, aspiration

Aspirin, comparative knowledge and practice regarding drug therapy for acute myocardial infarction, 297

controversies surrounding long-term anticoagulation of very elderly patients in atrial fibrillation, 1115

Asthma, acute, how often should beta-agonists be administered? 1427 acute severe, therapeutic response patterns to high and cumulative doses of salbutamol in, 593

BAL fluid contains detectable superoxide dismutase 1 activity, 401 beta2-adrenoceptor regulation and function in female patients receiving the oral combined contraceptive pill, 278

bronchial, activation of platelets in, 452

bronchial, impact of clinical pathways and practice guidelines on the management of acute exacerbations of, 28

quantitative capnometry differentiate between cardiac and obstructive causes of respiratory distress? 323

childhood, diagnostics of spontaneous cough in: results of continuous tracheal sound recording in the homes of children, 50

chronic, moderate-to-severe, oral glucocorticosteroid-sparing effect of budesonide administered by Turbuhaler: a doubleblind, placebo-controlled study in adults with, 1264

compliance with peak expiratory flow monitoring in home management of, 968

concomitant administration of low-dose prednisolone protects against in vivo betag-adrenoceptor subsensitivity induced by regular formoterol, 34

deposition of fenoterol and flunisolide delivered using a novel device for inhaled medicines: comparison of RESPIMAT with conventional metered-dose inhalers with and without spacer devices, 957

effect of glucocorticoids on grain dust-induced airway disease, 505 elevation of peak expiratory flow by a "spitting" maneuver measured with five peak flowmeters, 1134

evaluation of dyspnea during physical and speech activities in patients with pulmonary diseases, 625

hospitalization, race, income, urbanicity, and, in California: a small area analysis, 1277

is normal bronchial responsiveness in asthmatics a reliable index for withdrawing inhaled corticosteroid treatment? 964

long-acting inhaled beta2-agonists in asthma therapy, 1095 longitudinal determinants of bronchial responsiveness to inhaled

histamine, 973 metered-dose inhaler to deliver methacholine in bronchial provocation testing: a pilot study, 1684

mild and severe, regional lung deposition and clearance of 99mTclabeled beclomethasone-DLPC liposomes in, 1573

perception of the role and potential side effects of inhaled corticosteroids among asthmatic patients, 587

Proventil and Ventolin have similar safety profiles during regular

Proventil HFA provides bronchodilation comparable to Ventolin over 12 weeks of regular use in asthmatics, 283

relationship between airway obstruction and respiratory symptoms in adult asthmatics, 272

respiratory symptoms in a susceptible population due to burning of agricultural residue, 351

severity, respiratory resistance in the emergency department: a reproducible and responsive measure of, 1566

short-term growth in asthmatic children using fluticasone propionate, 584

spectrum of irritant-induced: sudden and not-so-sudden onset and the role of allergy, 42

techniques in human airway inflammation: quantity and morphology of bronchial biopsy specimens taken by forceps of three

therapy clarified, 851

ventilatory impairment in: perceptions vs measurements, 265 Atelectasis, prolonged, tracheal bronchus: a cause of, in intubated children, 537

respiratory complications after coronary artery bypass surgery with unilateral or bilateral internal mammary artery grafting, 1285 Atherosclerosis, use of transesophageal echocardiography to predict

significant coronary artery disease in aortic stenosis, 671 Ativan: See Lorazepam

Atrial fibrillation, after bypass surgery: does the arrhythmia or the characteristics of the patients prolong hospital stay? 1489

controversies surrounding long-term anticoagulation of very elderly patients in, 1115 Atrial septal defects: See Heart septum

Atrial tachycardia, multifocal, 203

Atrium, trepopnea following lung resection due to interatrial shunt, 1726

Atropine, premedication, role of, in fiberoptic bronchoscopy using intravenous midazolam sedation, 1394

Autonomic nervous system, heart rate variability reflects severity of COPD in PiZ \alpha_1-antitrypsin deficiency, 327

Autopsy, findings: pulmonary complications of HIV infection, 1225 Awakening, nocturnal, relationship between airway obstruction and respiratory symptoms in adult asthmatics, 272

Azithromycin, prescription of macrolides in community-acquired pneumonia: science or art? 1155

new macrolides or new quinolones as monotherapy for patients with community-acquired pneumonia: our cup runneth over?

B cepacia: See Burkholderia cepacia

Bacteremia, pneumococcal, in childhood: a 6-year experience in a community hospital, 1207

Streptococcus pneumoniae, in a community hospital, 387

Bacterial infections: See also Pneumonia; Pulmonary infections; benefit of heparin in central venous and pulmonary artery catheters, 165

infective exacerbations of chronic bronchitis: relation between bacteriologic etiology and lung function, 1542

suspected respiratory tract infection in the tracheostomized child: the pediatric pulmonologist's approach, 1549

Barotrauma, radiographic assessment of hyperinflation: correlation with objective chest radiographic measurements and mechanical ventilator parameters, 1698

Beclomethasone dipropionate, bronchial responsiveness (and) withdrawing inhaled corticosteroid treatment? 964

-DLPC liposomes, 90meTc-labeled, regional lung deposition and clearance of, in mild and severe asthma, 1573

Behçet's syndrome, hilar mass and papilledema on presentation, 227 beta-adrenergics: See Adrenergic

beta-lactam therapy, 1158, 1201

Bicalutamide, eosinophilic lung disease induced by: a case report and review of the literature, 548

Bilateral hilar lymphadenopathy: See Lymphadenopathy

Bilevel positive airway pressure: See Positive airway pressure, bilevel Biomedical research: See Research

Biopsy, additional information from percutaneous cutting needle, following fine needle aspiration in the diagnosis of chest lesions,

catheter suction, primary leiomyosarcoma of the pulmonary artery confirmed by, 555

diagnostic and management strategies for diffuse interstitial lung diseases, 192

fine-needle aspiration, solitary pulmonary lesion evaluations, 1428, 1429

needle, identification of benign pulmonary nodules by, 3

needle, nested polymerase chain reaction for detection of Mycobacterium tuberculosis in solitary pulmonary nodules, 20

rapid diagnosis of tuberculosis in various biopsy and body fluid specimens by the AMPLICOR Mycobacterium tuberculosis polymerase chain reaction test, 1190

specimens of lung allografts, mixed (neutrophil-rich) interstitial pneumonitis in: a clinicopathologic evaluation, 117

techniques in human airway inflammation: quantity and morphology of bronchial specimens taken by forceps of three sizes, 182

transbronchial lung: can specimen quality be predicted at the time of biopsy? 1037

transbronchial lung, chronic necrotizing pulmonary aspergillosis: approach to management, 852

transthoracic needle aspiration, identification of benign pulmonary nodules by, 3

BiPAP: See Positive airway pressure, bilevel

Bisoprolol, review of why and how we may use beta-blockers in congestive heart failure, 800

Blacks, race, income, urbanicity, and asthma hospitalization in California: a small area analysis, 1277

Bleomycin, cost-effective pleurodesis, 1731, 1732

intracavitary, bleomycin vs interferon in the management of malignant pleural effusions, 1145, 1146

sclerotherapy for malignant pleural effusions: doxycycline vs, 1305 Block family, my brother, Ed, 1151

Blood, adrenomedullin: a player at high altitude? 1428

cytomegalovirus viremia in lung transplant recipients receiving ganciclovir and immune globulin, 924

false elevation of serum creatinine following skin absorption of nitromethane complicates the clinical diagnosis of rhabdomyolysis, 1419

low serum antimycobacterial drug levels in non-HIV-infected tuberculosis patients, 1178

serum cardiac troponin T as a prognostic marker in early sepsis, 1055

serum concentrations of the antimycobacterial drugs, 1154

urine thrombomodulin in patients with idiopathic pulmonary fibrosis, 849

volume, intrathoracic compartments, reproducibility of double indicator dilution measurements of extravascular lung water, liver function, and, 1070

Blood flow, assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

optimizing standard cardiopulmonary resuscitation with an inspiratory impedance threshold valve, 1084

Blood gas, analysis, arterial, use of a pulse oximeter in an adult emergency department: impact on the number of, ordered, 1042

comparison of pulmonary gas exchange measurements between incremental and constant work exercise above the anaerobic threshold, 602

laboratories, patterns of dissimilarities among instrument models in measuring Po_2 , Pco_2 , and pH in, 780

pleural fluid pH determination, 1426

rehabilitation of hypoxemic patients with COPD at low altitude at the Dead Sea, the lowest place on earth, 571

transcutaneous PCO₂ to monitor noninvasive mechanical ventilation in adults: assessment of a new transcutaneous PCO₂ device, 768

Blood pressure, arterial response to transient arousals from NREM sleep in nonapneic snorers with sleep fragmentation, 985

finger, comparison between systolic aortic root pressure and, 1466 pathophysiology of cardiac tamponade, 1372

Board review courses: See Certification

Board review question of the month: See ACCP-SEEK board review question of the month

Body composition, changes, effects of, to observed improvements in cardiopulmonary parameters after exercise training with cardiac rehabilitation, 599 impaired skeletal muscle endurance related to physical inactivity and altered lung function in COPD patients, 900

Body height, pediatric reference values for respiratory resistance measured by forced oscillation, 1322

Body weight: See Obesity; Weight

Bone, Roger C., Memorial Lecture, assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379 Bone marrow transplantation, pulmonary alveolar proteinosis: lung transplant or? 563

Bookshelf, Jan. p. A-19; Feb. p. A-16; Mar. p. A-16; Apr. p. A-24; May p. A-16

Bowel, inflammatory disease, large airway disease associated with, 1723

Brain, intracranial hemorrhage, controversies surrounding long-term anticoagulation of very elderly patients in atrial fibrillation, 1115 orbital herniation associated with noninvasive positive pressure ventilation. 841

venous and arterial gas embolism associated with positive pressure ventilation, 1132

Breathing reserve: See Respiration

British Thoracic Society, treatment of spontaneous pneumothorax: the clinician's perspective on pneumothorax management, 1423, 1424

Bronchi: See also Airway; bilateral partial obstruction due to broncholithiasis treated with laser therapy, 240

cholithiasis treated with laser therapy, 240 erosion of implantable cardioverter defibrillator patch electrode into airways: an unusual cause of recurrent hemoptysis, 252

presentation and surgical management of bronchogenic and esophageal duplication cysts in adults, 1492

techniques in human airway inflammation: quantity and morphology of biopsy specimens taken by forceps of three sizes, 182 tracheal bronchus: a cause of prolonged atelectasis in intubated children, 537

urban air pollution: why is it a health problem? 1161

Bronchial atresia, congenital, with mucocele, branching parenchymal mass, 523

Bronchial hyperresponsiveness: See Airway

Bronchial neoplasms, endobronchial lipomatous hamartoma: a rare cause of bronchial occlusion, 254

localization of intraepithelial lesions by fluorescence bronchoscopy, $696\,$

Bronchial provocation, nonspecific airway hyperresponsiveness in HIV disease, 845, 846

testing, metered-dose inhaler to deliver methacholine in: a pilot study, 1684

Bronchial responsiveness: See Airway

Bronchial stenosis due to anthracofibrosis, 344

Bronchiectasis, idiopathic, treatment of, with aerosolized recombinant human DNase I, 1329

large airway disease associated with inflammatory bowel disease, 1723

long suffering of Frederic Chopin, 210

lung transplantation for Williams-Campbell syndrome, 534

pulmonary tuberculosis treated with directly observed therapy: serial changes in lung structure and function, 933

Bronchioles, respiratory changes due to long-term exposure to urban levels of air pollution: a histopathologic study in humans, 1312 urban air pollution: why is it a health problem? 1161

Bronchiolitis, diagnostic and management strategies for diffuse interstitial lung diseases, 192

obliterans, after lung transplantation: detection using expiratory HRCT, 365

obliterans syndrome, cytomegalovirus viremia in lung transplant recipients receiving ganciclovir and immune globulin, 924

obliterative, allograft colonization and infections with *Pseudomonas* in cystic fibrosis lung transplant recipients, 1235

obliterative, community respiratory viral infection in adult lung transplant recipients, 944

obliterative, it's not "just a virus" anymore, 859

pathologic findings in lung volume reduction surgery, 660

Bronchioloalveolar cell carcinoma, analysis of cell type and radiographic presentation as predictors of the clinical course of patients with, 997 tumor markers in sputum of patients with, 1144

Bronchitis, chronic, 1-year community-based health economic study of ciprofloxacin vs usual antibiotic treatment in acute exacerbations of, 131

chronic, infective exacerbations of: relation between bacteriologic etiology and lung function, 1542

chronic, large airway disease associated with inflammatory bowel disease, 1723

chronic, respiratory symptoms in a susceptible population due to burning of agricultural residue, 351

disease management of pulmonary infections, Mar. supp. pp.165S-2328

tropical pulmonary eosinophilia, 1673

Bronchoalveolar lavage, cytomegalovirus pneumonia in AIDS patients: value of cytomegalovirus culture from BAL fluid and correlation with lung disease, 919

cytomegalovirus viremia in lung transplant recipients receiving

ganciclovir and immune globulin, 924 evaluation of potential fat emboli during placement of intramedullary nails after orthopedic fractures, 178

fluid contains detectable superoxide dismutase 1 activity, 401 influence of mini-cultures on patient outcomes: implications for

the antibiotic management of ventilator-associated pneumo-

metallothionein expression in human lung and its varying levels after lung transplantation, 371 whole lung lavage in alveolar proteinosis by a modified lavage

technique, 1718 Bronchoconstriction, effect of cold air on exercise capacity in COPD:

increase or decrease? 1560 effects of tracheal suctioning on respiratory resistance in mechan-

ically ventilated patients, 1335

Bronchodilators, impact of clinical pathways and practice guidelines on the management of acute exacerbations of bronchial asthma,

long-acting inhaled beta-agonists in asthma therapy, 1095

lung deposition of fenoterol and flunisolide delivered using a novel device for inhaled medicines: comparison of RESPIMAT with conventional metered-dose inhalers with and without spacer devices, 957

no paradoxical response with forced oscillation technique in children with cystic fibrosis, 55

Proventil and Ventolin have similar safety profiles during regular use, 290

Proventil HFA provides bronchodilation comparable to Ventolin over 12 weeks of regular use in asthmatics, 283

short-term cardiovascular effects of salmeterol, 1272

Bronchogenic carcinoma: See Carcinoma, bronchogenic

Broncholithiasis, bilateral partial bronchial obstruction due to, treated with laser therapy, 240

Bronchoscopy, diagnostic and management strategies for diffuse interstitial lung diseases, 192

fiberoptic preoperative, can chest CT decrease the use of, in the evaluation of suspected bronchogenic carcinoma? 1244

fiberoptic, role of atropine premedication in, using intravenous midazolam sedation, 1394

fiberoptic, techniques in human airway inflammation: quantity and morphology of bronchial biopsy specimens taken by forceps of three sizes, 182

flexible, transbronchial lung biopsy: can specimen quality be predicted at the time of biopsy? 1037

fluorescence, localization of bronchial intraepithelial neoplastic lesions by, 696

preoperative assessment of airway invasion by esophageal cancer: a prospective study, 687

solitary pulmonary lesion evaluations, 1428, 1429

Bronchospasm, long-acting inhaled beta2-agonists in asthma therapy,

vocal cord dysfunction associated with exercise in adolescent girls, 540

Brugia malayi, tropical pulmonary eosinophilia, 1673

Bucindolol, review of why and how we may use beta-blockers in congestive heart failure, 800

Budesonide, asthma therapy clarified, 851

oral glucocorticosteroid-sparing effect of, administered by Turbuhaler: a double-blind, placebo-controlled study in adults with moderate-to-severe chronic asthma, 1264

Bulla, emphysematous, massive hemoptysis from a pulmonary artery aneurysm associated with, 1130

Burkholderia cepacia, lung transplantation in cystic fibrosis: consensus conference statement, 217

Burning, agricultural residue: See Air pollution

Bypass: See Cardiopulmonary bypass; Coronary artery bypass surgery; Heart surgery

Calcium, activation of platelets in bronchial asthma, 452 -channel blockers, 297

California, race, income, urbanicity, and asthma hospitalization in: a small area analysis, 127

Calorimetry, assessment of three methods to reduce the influence of mathematical coupling on oxygen consumption and delivery relationships, 1347

Canada, 1-year community-based health economic study of ciprofloxacin vs usual antibiotic treatment in acute exacerbations of chronic bronchitis, 131

perception of the role and potential side effects of inhaled corticosteroids among asthmatic patients, 587

respiratory symptoms in a susceptible population due to burning of agricultural residue, 351

Canadian Infectious Diseases Society guidelines for communityacquired pneumonia: See Guidelines

Canadian Thoracic Society guidelines for community-acquired pneumonia: See Guideline:

Cancer: See Carcinoma; Metastatic neoplasms; Neoplasms; Pulmonary neoplasms

Cancer and Leukemia Group B, factors predictive of survival among 337 patients with mesothelioma treated between 1984 and 1994 by, 723

Canines: See Dogs

Capillaries, left ventricular filling pressures during exercise: a cardiological blind spot? 1695

Capillaritis, pulmonary, isolated, and diffuse alveolar hemorrhage in rheumatoid arthritis and mixed connective tissue disease, 1609 Capnometry: See Carbon dioxide

Capsaicin, influence of gender on cough reflex sensitivity, 1319

Carbon dioxide, acute effects of nasal positive pressure ventilation in patients with advanced cystic fibrosis, 1013

end-tidal, can quantitative capnometry differentiate between cardiac and obstructive causes of respiratory distress? 323

gastric and esophageal intramucosal PCO2 (PiCO2) during endotoxemia: assessment of raw PiCO2 vs PCO2 gradient as indicators of hypoperfusion in a canine model of septic shock,

patterns of dissimilarities among instrument models in measuring Po2, Pco2, and pH in blood gas laboratories, 780

predictive value of PCO2 gap in infants, 561

transcutaneous partial pressure, to monitor noninvasive mechanical ventilation in adults: assessment of a new transcutaneous Pco2 device, 768

Carbon monoxide, low diffusing capacity, a 39-year-old smoker with effort dyspnea, normal spirometry results, and, 231

Carboxyhemoglobin, preoperative smoking reduction: all or nothing at all? 856

Carcinoembryonic antigen, false-positive results of, in pleural effusions, 1143, 1144

usefulness of, in pleural effusion diagnosis, 1425, 1426

Carcinoma, additional information from percutaneous cutting needle biopsy following fine needle aspiration in the diagnosis of chest lesions, 1522

bronchioloalveolar cell, analysis of cell type and radiographic presentation as predictors of the clinical course of patients with, 997

bronchioloalveolar, tumor markers in sputum of patients with,

bronchoalveolar: histopathologic study of evolution in a series of 105 surgically treated patients, 391

bronchogenic, AIDS-related: fact or fiction? 154

bronchogenic, double jeopardy: lung cancer following cardiac transplantation, 1720

bronchogenic, suspected, can chest CT decrease the use of preoperative bronchoscopy in the evaluation of? 1244

non-small cell, detection of occult micrometastases in, by reverse transcriptase-polymerase chain reaction, 1526

non-small cell lung cancer, microsatellite instability and loss of heterozygosity at chromosomes 9 and 17 in, 1091

reflections on the revisions in the International System for Staging Lung Cancer, 1728, 1729

small cell undifferentiated, lung mass and large complex liver lesions, 1408

Cardíac arrest: See Heart arrest

Cardiac output, assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379 assessment of three methods to reduce the influence of mathemat-

assessment of three methods to reduce the influence of mathematical coupling on oxygen consumption and delivery relationships, 1347

reproducibility of double indicator dilution measurements of intrathoracic blood volume compartments, extravascular lung water, and liver function, 1070

Cardiac rehabilitation: See Rehabilitation

Cardiac surgery: See Cardiopulmonary bypass; Coronary artery bypass surgery; Heart surgery

Cardiac tamponade, pathophysiology of, 1372

unexpected cardiac arrest after cardiac surgery: incidence, predisposing causes, and outcome of open chest cardiopulmonary resuscitation, 15

Cardiac troponin: See Troponin

Cardiology, comparative knowledge and practice regarding drug therapy for acute myocardial infarction, 297

left ventricular filling pressures during: a cardiological blind spot? 1695

opinions/hypotheses: a new department in CHEST, 855

Cardiomegaly, unusual case of pseudocardiomegaly, 1711

Cardiomyopathy, advanced hypertrophic, right ventricular aneurysm associated with, 552

dilated nonischemic, left ventricular-arterial system coupling at peak exercise in, 870

lentiginosis/LEOPARD syndrome presenting as sudden cardiac arrest, 1415

review of why and how we may use beta-blockers in congestive heart failure, 800

Cardiopulmonary bypass, early profibrotic or repair activity in the lung during: who is the culprit? 1731

emergency department, in the treatment of human cardiac arrest, 743

systemic inflammation present in patients undergoing CABG without extracorporeal circulation, 1290

Cardiopulmonary disease, clinical problems in: See also Cardiovascular system; chronic mitral regurgitation: when and how to operate, 1399

heart or lung disease: determining the primary cause for dyspnea on exertion, 1705

ischemic heart disease with congestive heart failure: problems in clinical management, 1119

Cardiopulmonary exercise test: See Exercise

Cardiopulmonary function, effect of L-NAME, an inhibitor of nitric oxide synthesis on, in human septic shock, 1640

Cardiopulmonary parameters, effects of body composition changes to observed improvements in, after exercise training with cardiac rehabilitation, 599

Cardiopulmonary resuscitation, assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

emergency department cardiopulmonary bypass in the treatment of human cardiac arrest, 743

ethics of bilevel positive airway pressure, 258

open chest, unexpected cardiac arrest after cardiac surgery: incidence, predisposing causes, and outcome of, 15 open-chest resuscitation and postcardiac surgery arrest, 3 optimizing standard, with an inspiratory impedance threshold valve. 1084

Cardiovascular system, breathing reserve at the lactate threshold to differentiate a pulmonary mechanical from cardiovascular limit to exercise, 913

comparison of pulmonary gas exchange measurements between incremental and constant work exercise above the anaerobic threshold, 602

the obese patient in the ICU, 492

pathophysiology of cardiac tamponade, 1372

short-term effects of salmeterol, 1272

use of the breathing reserve to interpret submaximal exercise responses, 858

Cardioversion, controversies surrounding long-term anticoagulation of very elderly patients in atrial fibrillation, 1115

Cardioverter, erosion of implantable defibrillator patch electrode into airways: an unusual cause of recurrent hemoptysis, 252 Cartilage, lung transplantation for Williams-Campbell syndrome, 534

Cartilage, lung transplantation for Williams-Campbell syndrome, 534 Carvedilol, review of why and how we may use beta-blockers in congestive heart failure, 800

Catheters, central venous and pulmonary artery, benefit of heparin in, 165

implantable intratracheal oxygen, rapidly progressive extensive subcutaneous emphysema associated with, 834

more on airway obstruction with percutaneous tracheostomy, 850 the obese patient in the ICU, 492

pulmonary artery, assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

pulmonary artery, assessment of three methods to reduce the influence of mathematical coupling on oxygen consumption and delivery relationships, 1347

pulmonary artery, patient selection for, 853

reproducibility of double indicator dilution measurements of intrathoracic blood volume compartments, extravascular lung water, and liver function, 1070

right ventricular function in COPD: can it be assessed reliably by the measurement of right ventricular ejection fraction? 567

small-bore, drainage, sclerotherapy for malignant pleural effusions: a prospective randomized trial of bleomycin vs doxycycline with, 1305

suction biopsy, primary leiomyosarcoma of the pulmonary artery confirmed by, 555

Swan-Ganz, assault on: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

temporary coronary artery perfusion, during minimally invasive coronary surgery, 514

Caves, hypoxic respiratory failure in a 30-year-old spelunker, 1125
CD-ROM, board review courses for critical care medicine, 1141, 1142

CD4 lymphocytes: See Lymphocytes

CD62P expression: See Platelets

Cell type, analysis of, and radiographic presentation as predictors of the clinical course of patients with bronchioloalveolar cell carcinoma, 997

Central nervous system, patient with newly diagnosed melanoma and pulmonary nodules, 826

Central sleep apnea: See Sleep apnea

Central venous catheters: See Catheters

Cerebrospinal fluid, rapid diagnosis of tuberculosis in various biopsy and body fluid specimens by the AMPLICOR Mycobacterium tuberculosis polymerase chain reaction test, 1190

Certification, board review courses for critical care medicine, 1141,

Charcot-Leyden crystals, middle-aged woman with chronic productive cough diagnosed using sputum wet mount examination, 1411

Chemokines, activation of platelets in bronchial asthma, 452

Chemotherapy, ARDS associated with tumor lysis syndrome in a patient with non-Hodgkin's lymphoma, 550

International Symposium on Thoracic Malignancies, Jan. supp., pp. 1S-122S

quality of life in patients with lung cancer: a review of literature from 1970 to 1995, 467

CHEST, opinions/hypotheses: a new department in, 855

Chest, compression, high-frequency, effects of positive end-expiratory pressure on oscillated flow rate during, 1028

International Symposium on Thoracic Malignancies, Jan. supp., pp. 18-1928

lesions, additional information from percutaneous cutting needle biopsy following fine needle aspiration in the diagnosis of, 1522

pain, acute effect of minocycline on the pericardium: experimental and clinical findings, 861

pain, a case of systemic lupus erythematosus or hepatitis C virus? 1146

pain, dyspnea resulting from fibromyalgia, 246

tightness, relationship between airway obstruction and respiratory symptoms in adult asthmatics, 272

Chest radiography: See Radiography

Chest tubes: See Intubation

Chest wall, COPD and other diseases in chronically ventilated patients in a prolonged respiratory care unit: a retrospective 20-year survival study, 86

effect of high-frequency oral airway and, oscillation and conventional chest physical therapy on expectoration in patients with stable cystic fibrosis, 1019

in normal rats, respiratory mechanics after prosthetic reconstruction of, 1667

Children, asthma therapy clarified, 851

asthmatic, short-term growth in, using fluticasone propionate, 584 compensatory anti-inflammatory cytokine interleukin-10 response in pediatric sepsis-induced multiple organ failure, 1625

diagnostics of spontaneous cough in childhood asthma: results of continuous tracheal sound recording in the homes of children, 50

impact of tracheotomy on colonization and infection of lower airways in children requiring long-term ventilation, 77

intubated, tracheal bronchus: a cause of prolonged atelectasis in, 537

long-acting inhaled beta₂-agonists in asthma therapy, 1095

longitudinal determinants of bronchial responsiveness to inhaled histamine, 973

pediatric reference values for respiratory resistance measured by forced oscillation, 1322

pneumococcal bacteremia in childhood: a 6-year experience in a community hospital, 1207

race, income, urbanicity, and asthma hospitalization in California: a small area analysis, 1277

respiratory resistance in the emergency department: a reproducible and responsive measure of asthma severity, 1566

salbutanol delivery from a hydrofluoroalkane pressurized metered-dose inhaler in prediatric ventilator circuits

tered-dose inhaler in pediatric ventilator circuits, tracheostomized, suspected respiratory tract infection in: the pediatric pulmonologist's approach, 1549

underreading of the tuberculin skin test reaction, 1175

with cystic fibrosis, no paradoxical bronchodilator response with forced oscillation technique in, 55

women, smoking, and hing cancer, 1

Chlamydia, implications for macrolide treatment in communityacquired pneumonia, 1201

pneumoniae, more information on infection and infarction, 558 pneumoniae, new macrolides or new quinolones as monotherapy for patients with community-acquired pneumonia: our cup runneth over? 1158

Chlorhexidine, coronary artery spasm complicating anaphylaxis secondary to skin disinfectant, 1417

Chlorofluorocarbon alternatives: See Hydrofluoroalkane

Chopin, Frederic, long suffering of, 210

Chromosomes, 9 and 17, microsatellite instability and loss of heterozygosity at, in non-small cell lung cancer, 1091

Chronic obstructive pulmonary diseases: See Pulmonary diseases, chronic obstructive

Church gospel choir, Mycobacterium tuberculosis miniepidemic in, 234

Cigarettes: See Smoking

Ciprofloxacin, 1-year community-based health economic study of, vs usual antibiotic treatment in acute exacerbations of chronic bronchitis, 131

Clamping, treatment of spontaneous pneumothorax: the clinician's perspective on pneumothorax management, 1423, 1424

Clara cell tumors, analysis of cell type and radiographic presentation as predictors of the clinical course of patients with bronchioloalveolar cell carcinoma, 997

Clarithromycin, community-acquired pneumonia, 1155, 1158

Clinical investigations in critical care: See Critical care, clinical investigations in

Clinical pathways: See Guidelines

Clinical problems in cardiopulmonary disease: See Cardiopulmonary disease, clinical problems in

Clinical trials: See Research

Colchicine, diagnostic and management strategies for diffuse interstitial lung diseases, 192

Cold air, effect of, on exercise capacity in COPD: increase or decrease? 1560

College, ACCP medical personnel services, Jan., A-28, A-32, A-34, A-39, A-44, A-50, A-54, A-58; Feb. pp. A-34, A-40, A-42, A-50, A-60, A-62, A-66; Mar. pp. A-36, A-39, A-44, A-50, A-52, A-54, A-56, A-59, A-60, A-63; Apr., pp. A-40, A-41, A-47, A-50, A-54, A-60, A-64; May, pp. A-28, A-34, A-42, A-44, A-50, A-52; June, pp. A-34, A-36, A-40, A-44, A-46, A-49, A-52, A-56

Colon neoplasms, metastatic, unusual presentation of, to the lung, 244

Coma, prediction of mortality in febrile medical patients: how useful are systemic inflammatory response syndrome and sepsis criteria? 1533

Communication: See Medical records; Speech

Compliance: See Patient compliance

Compression, prophylaxis for deep venous thrombosis: the ACCP antithrombotic statement, revisited, 844

utilization of venous thromboembolism prophylaxis in a medicalsurgical ICU, 162

venous thromboembolism in the intensive care unit: the last frontier for prophylaxis, 5

Computed tomography: See Tomography, computed

Computers, are digital chest X-rays good enough? 256

board review courses for critical care medicine, 1141, 1142 EURICUS I database, staffing ICUs: the good news and the not-so-good news, 569

measuring resource use in the ICU with computerized Therapeutic Intervention Scoring System-based data, 434

online journals: moving in the right direction, 1423

Congenital abnormalities: See Abnormalities

Congestive heart failure: See Heart failure, congestive Connective tissue disease, mixed, isolated pulmonary capillaritis and diffuse alveolar hemorrhage in rheumatoid arthritis and, 1609

Consensus statements, lung transplantation in cystic fibrosis: consensus conference statement, 217

mechanical ventilation beyond the intensive care unit: report of a consensus conference of the American College of Chest Physicians, 289S

new guidelines for hypertension: Joint National Committee VI, 263 opinions regarding the diagnosis and management of venous thromboembolic disease, 499

Contact investigation: See Public health

Contraceptives, oral combined pill, beta₂-adrenoceptor regulation and function in female asthmatic patients receiving, 278

COPD: See Pulmonary diseases, chronic obstructive

Cor pulmonale, right and left ventricular dysfunction in patients with severe pulmonary disease, 576

right ventricular function in COPD: can it be assessed reliably by the measurement of right ventricular ejection fraction? 567

Coronary artery, circumflex dissection following waterskiing, 1138 isolated, supersensitivity of, to serotonin, 5-HT_{1D beta} receptor mediates, in variant angina, 243

right, significant stenosis, is dobutamine-induced sinus node deceleration a marker of? 306

spasm complicating anaphylaxis secondary to skin disinfectant, 1417 temporary perfusion catheter during minimally invasive coronary surgery, 514

Coronary artery bypass surgery, atrial fibrillation after: does the arrhythmia or the characteristics of the patients prolong hospital stay? 1489

early extubation following: a prospective randomized controlled trial, 1481

ischemic heart disease with congestive heart failure: problems in clinical management, 1119

natural history and rate of progression of aortic stenosis, 1109 patients with COPD, 878

phrenic nerve dysfunction following: an aggravation or a real problem? 2

randomized comparison of exercise training in patients with normal vs reduced ventricular function, 1387

respiratory complications after, with unilateral or bilateral internal mammary artery grafting, 1285

single-vessel coronary artery disease: a 17-year review with shortand long-term follow-up, 676

systemic inflammation present in patients undergoing CABG without extracorporeal circulation, 1290

unexpected cardiac arrest after cardiac surgery: incidence, predisposing causes, and outcome of open chest cardiopulmonary resuscitation, 15

Coronary disease, diminished short-term heart rate variability predicts inducible ventricular tachycardia, 312

role of dobutamine stress echocardiography in heart transplant patients, 809

significant, use of transesophageal echocardiography to predict, in aortic stenosis, 671

Corticosteroids, adjunctive, use of, in severe adult non-HIV Pneumocystis carinii pneumonia, 1215

asthma therapy clarified, 851

concomitant administration of low-dose prednisolone protects against in vivo beta₂-adrenoceptor subsensitivity induced by regular formoterol, 34

coronary artery bypass grafting in patients with COPD, 878 diagnostic and management strategies for diffuse interstitial lung

diseases, 192 effect of glucocorticoids on grain dust-induced airway disease, 505 eosinophilic lung disease induced by bicalutamide: a case report

and review of the literature, 548 inhaled, perception of the role and potential side effects of, among asthmatic patients, 587

inhaled, treatment, is normal bronchial responsiveness in asthmatics a reliable index for withdrawing? 964

long-acting inhaled beta₂-agonists in asthma therapy, 1095

lung deposition of fenoterol and flunisolide delivered using a novel device for inhaled medicines: comparison of RESPIMAT with conventional metered-dose inhalers with and without spacer devices, 957

metallothionein expression in human lung and its varying levels after lung transplantation, 371

oral glucocorticosteroid-sparing effect of budesonide administered by Turbuhaler: a double-blind, placebo-controlled study in adults with moderate-to-severe chronic asthma, 1264

regional lung deposition and clearance of 99mTc-labeled beclomethasone-DLPC liposomes in mild and severe asthma, 1573

short-term growth in asthmatic children using fluticasone propionate, 584

therapy and relapse in sarcoidosis, 559, 560

usual interstitial pneumonitis responsive to, following varicella pneumonia, 249

Costs, assault on the Swan-Ganz catheter, 1379

ciprofloxacin, 131

clinical benefit of in-hospital observation in 'low-risk' pneumonia patients after conversion from parenteral to oral antimicrobial therapy, 142

-effectiveness, analysis of nocturnal oximetry, 97

extending ventilator circuit change interval beyond 2 days reduces the likelihood of ventilator-associated pneumonia, 405

funding for biomedical research, 565 generic warfarin, 261

hospital, lung volume reduction surgery: an analysis of, 896 impact of clinical pathways and practice guidelines on the management of acute exacerbations of bronchial asthma, 28

lung transplantation in the Netherlands, 124

measuring resource use in the ICU with computerized Therapeutic Intervention Scoring System-based data, 434

mediastinoscopy, 147

nursing staff in intensive care in Europe, 752

pleurodesis, 1731, 1732

pulse oximeter: number of arterial blood gas analyses ordered, 1042

solitary pulmonary lesion evaluations, 1428, 1429

staffing ICUs: the good news and the not-so-good news, 569 value of routine posttracheostomy chest radiography, 1647

Cough, chronic productive, middle-aged woman with, diagnosed using sputum wet mount examination, 1411

nighttime, long-acting inhaled beta₂-agonists in asthma therapy, 1095

productive, man with dyspnea, and, and chest radiograph showing hyperinflation and a diffuse nodular pattern, 1123

rapidly progressive extensive subcutaneous emphysema associated with an implantable intratracheal oxygen catheter, 834

reflex sensitivity, influence of gender on, 1319

relationship between airway obstruction and respiratory symptoms in adult asthmatics, 272

spontaneous, diagnostics of, in childhood asthma: results of continuous tracheal sound recording in the homes of children, 50 unusual presentation of metastatic colon cancer to the lung, 244 Coupling: See Ventricle, left

Coupling, mathematical: See Data analysis

Cox survival model, relative survival analysis of 252 patients with COPD receiving long-term oxygen therapy, 1580

Creatine kinase, comparative study of the clinical presentation of Legionella pneumonia and other community-acquired pneumonias, 1195

prescription of macrolides in community-acquired pneumonia: science or art? 1155

MB fraction, serum cardiac troponin T as a prognostic marker in early sepsis, 1055

Creatinine, changes in urinary uric acid excretion in obstructive sleep apnea before and after therapy with nasal continuous positive airway pressure, 1604

serum, false elevation of, following skin absorption of nitromethane complicates the clinical diagnosis of rhabdomyolysis, 1419

Critical care, assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

ethics SOAP note, 558 ICU outcomes for pati

ICU outcomes for patients with HIV infection: a moving target, 269 levels of care, nursing staff in intensive care in Europe: the

mismatch between planning and practice, 752

medicine, board review courses for, 1141, 1142

the obese patient in the ICU, 492

open-chest resuscitation and postcardiac surgery arrest, 3 radiographic assessment of hyperinflation: correlation with objective chest radiographic measurements and mechanical venti-

lator parameters, 1698

sedation protocol to prevent self-extubation, 1429, 1430 staffing ICUs: the good news and the not-so-good news, 569

venous thromboembolism in the intensive care unit: the last frontier for prophylaxis, 5

Critical care, clinical investigations in, assessment of three methods to reduce the influence of mathematical coupling on oxygen consumption and delivery relationships, 1347

benefit of heparin in central venous and pulmonary artery catheters. 165

CD4 lymphocyte counts and mortality in AIDS patients requiring mechanical ventilator support due to *Pneumocystis carinii* pneumonia, 430

compensatory anti-inflammatory cytokine interleukin-10 response in pediatric sepsis-induced multiple organ failure, 1625

does N-acetyl-L-cysteine influence cytokine response during early human septic shock? 1616

effect of L-NAME, an inhibitor of nitric oxide synthesis on cardiopulmonary function in human septic shock, 1640

effects of tracheal suctioning on respiratory resistance in mechanically ventilated patients, 1335

emergency department cardiopulmonary bypass in the treatment of human cardiac arrest, 743

emergency department cardiopulmonary bypass in the treatment of human cardiac arrest, 743

evaluation of potential fat emboli during placement of intramedullary nails after orthopedic fractures, 178

evaluation of respiratory inductive plethysmography in controlled ventilation: measurement of tidal volume and PEEP-induced changes of end-expiratory lung volume, 443

expression of inducible nitric oxide synthase and inflammatory tokines in alveolar macrophages of ARDS following sepsis, 1632

extending ventilator circuit change interval beyond 2 days reduces the likelihood of ventilator-associated pneumonia, 405

failure of splanchnic resuscitation in the acutely injured trauma patient correlates with multiple organ system failure and length of stay in the ICU, 1064

influence of mini-BAL cultures on patient outcomes: implications for the antibiotic management of ventilator-associated pneumonia, 412

measuring resource use in the ICU with computerized Therapeutic Intervention Scoring System-based data, 434

nursing staff in intensive care in Europe: the mismatch between planning and practice, 752

predictors of short- and long-term survival in HIV-infected patients admitted to the ICU, 421

randomized clinical trial comparing an extended-use hygroscopic condenser humidifier with heated-water humidification in mechanically ventilated patients, 759

reproducibility of double indicator dilution measurements of intrathoracic blood volume compartments, extravascular lung water, and liver function, 1070

right ventricular end-diastolic volume as a predictor of the hemodynamic response to a fluid challenge, 1048

serum cardiac troponin T as a prognostic marker in early sepsis, 1055

systematic review of the cost-effectiveness of noncardiac transitional care units, 172

transcutaneous PCO2 to monitor noninvasive mechanical ventilation in adults: assessment of a new transcutaneous Pco. device, 768

use of noninvasive positive pressure ventilation in the emergency department: results of a randomized clinical trial, 1339

utilization of venous thromboembolism prophylaxis in a medicalsurgical ICU, 162

value of routine posttracheostomy chest radiography, 1647

Cross-infection: See also Pneumonia, nosocomial; effectiveness of a nosocomial tuberculosis control program at an urban teaching hospital, 1184

Cryptococcus, pulmonary complications of HIV infection: autopsy findings, 1225

Cryptococcus neoformans, patient with newly diagnosed melanoma and pulmonary nodules, 826

CT: See Tomography, computed

Current Procedural Terminology, coding and Medicare reimbursement: from beans to bullets, 1431

Cycle ergometry: See Exercise

Cyclophosphamide, diagnostic and management strategies for diffuse interstitial lung diseases, 192

successful treatment of Wegener's granulomatosis during preg-nancy: a case report and review of the literature, 836

Cysteine, does N-acetyl-L-cysteine influence cytokine response during early human septic shock? 1616

Cystic fibrosis, advanced, acute effects of nasal positive pressure ventilation in patients with, 1013

allograft colonization and infections with Pseudomonas in lung transplant recipients, 1235

comparison of the availability of tobramycin for inhalation from vented vs unvented nebulizers, 951

long suffering of Frederic Chopin, 210

lung transplantation in: consensus conference statement, 217

no paradoxical bronchodilator response with forced oscillation technique in children with, 55

right and left ventricular dysfunction in patients with severe pulmonary disease, 576

risk of death in patients with severely compromised lung function,

stable, effect of high-frequency oral airway and chest wall oscillation and conventional chest physical therapy on expectoration in patients with, 1019

superior vena cava suppression in, 1732 when to consider lung transplantation? 1159

Cysts, bronchogenic and esophageal duplication, in adults, presentation and surgical management of, 1492

Cytokines, compensatory anti-inflammatory, interleukin-10 response in pediatric sepsis-induced multiple organ failure, 1625 inflammatory, expression of inducible nitric oxide synthase and, in

alveolar macrophages of ARDS following sepsis, 1632 metallothionein expression in human lung and its varying levels

after lung transplantation, 371

proinflammatory, early release of, after lung transplantation, 645 response, does N-acetyl-L-cysteine influence, during early human septic shock? 1616

Cytology, proved malignant pleural effusions: distribution of transudates and exudates, 1302

Cytomegalovirus, pneumonia in AIDS patients: value of cytomegalovirus culture from BAL fluid and correlation with lung disease,

pulmonary complications of HIV infection: autopsy findings, 1225 viremia in lung transplant recipients receiving ganciclovir and immune globulin, 924

D-dimer, 499, 562, 563

Daily activities: See Activities of daily living

Data analysis, assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

assessment of three methods to reduce the influence of mathematical coupling on oxygen consumption and delivery relationships, 1347

measuring resource use in the ICU with computerized Therapeutic Intervention Scoring System-based data, 434

patterns of dissimilarities among instrument models in measuring Po2, Pco2, and pH in blood gas laboratories, 780 pleural fluid pH determination, 1426

relative survival analysis of 252 patients with COPD receiving long-term oxygen therapy, 1580

staffing ICUs: the good news and the not-so-good news, 569 usefulness of carcinoembryonic antigen in pleural effusion diagnosis, 1425, 1426

Databases, E&M guidelines: is the medical record a database repository or a communication tool? 1432

D-dimer, 499, 562, 563

Dead Sea: See Israel

Deafness, LEOPARD syndrome, 1415

Death: See Mortality

Debate in print, ACCP and the tobacco issues, 1682 immunity is forever, 1680

Decision making, ethics SOAP note, 558 Deep venous thrombosis: See Thrombosis

Defensins, elevated pleural fluid levels of, in patients with empyema,

Defibrillator, erosion of implantable cardioverter patch electrode into airways: an unusual cause of recurrent hemoptysis, 252

Definitions: See Nomenclature

Dental appliances, effect of a mandibular advancement device on apneas and sleep in patients with obstructive sleep apnea, 707 Diabetes mellitus, new guidelines for hypertension: Joint National

Committee VI, 263

Diagnosis: See also Biopsy; Sputum; Radiography; names of specific diseases:

a case of systemic lupus erythematosus or hepatitis C virus? 1146

differential, of small pulmonary nodular shadows, importance of intrapulmonary lymph nodes in, 703

heart or lung disease: determining the primary cause for dyspnea on exertion, 1705

interpretive algorithms for the symptom-limited exercise test: assessing dyspnea in Persian Gulf War veterans, 612

scandalous incompetence...continued, 1153 solitary pulmonary lesion evaluations, 1428, 1429

uncertain value of the definition for SIRS, 1442

Diaphragm, elevated right hemidiaphragm and abdominal pain in a 36-year-old postpartum woman, 1715

Diarrhea, comparative study of the clinical presentation of Legionella pneumonia and other community-acquired pneumonias, 1195 prescription of macrolides in community-acquired pneumonia:

science or art? 1155 Diastole, end-, volume, right ventricular, as a predictor of the

hemodynamic response to a fluid challenge, 1048 left ventricular filling pressures during exercise: a cardiological blind spot? 1695

Diethylcarbamazine, tropical pulmonary eosinophilia, 1673

Diffusing capacity: See Carbon monoxide

Digitalis, review of why and how we may use beta-blockers in congestive heart failure, 800

Dilauroylphosphatidylcholine (DLPC): See Beclomethasone

Diltiazem, comparative knowledge and practice regarding drug therapy for acute myocardial infarction, 297

D-dimer, 499, 562, 563

Directly observed therapy: See Tuberculosis

Dirithromycin, community-acquired pneumonia, 1158

Disease outbreaks: See Public health

Diureties, chronic mitral regurgitation: when and how to operate,

new guidelines for hypertension: Joint National Committee VI, 263 DNA, microsatellite instability and loss of heterozygosity at chromosomes 9 and 17 in non-small cell lung cancer, 1091

DNase, I, aerosolized recombinant human, treatment of idiopathic bronchiectasis with, 1329

Dobutamine, -induced sinus node deceleration, is (it) a marker of significant stenosis of the right coronary artery? 306

stress echocardiography, role of, in heart transplant patients, 809 Dogs, acute effect of minocycline on the pericardium: experimental and clinical findings, 861

gastric and esophageal intramucosal PCO2 (PiCO2) during endotoxemia: assessment of raw PiCO2 vs PcO2 gradient as indicators of hypoperfusion in a canine model of septic shock,

protective effects of ischemic preconditioning on donor lung in canine lung transplantation, 1356

Doppler echocardiography: See Echocardiography

Down syndrome, tracheal bronchus: a cause of prolonged atelectasis in intubated children, 537

Doxycycline, sclerotherapy for malignant pleural effusions: a prospective randomized trial of bleomycin vs. 1305

Drug abuse: See Substance abuse

Drug delivery: See Aerosols; Nebulizers

Drug dosage, asthma therapy clarified, 851

the obese patient in the ICU, 492

serum concentrations of the antimycobacterial drugs, 1154

use of adjunctive corticosteroids in severe adult non-HIV Pneumocystis carinii pneumonia, 1215

Drug prescribing, initial drug regimens for the treatment of tuberculosis: evaluation of physician practices in New Jersey, 1994-1995, 1446

Drug :eactions, acute effect of minocycline on the pericardium: experimental and clinical findings, 861

amiodarone-induced adverse effects at the beginning of oral therapy: clinical implications, 848

eosinophilic lung disease induced by bicalutamide: a case report and review of the literature, 548

is dobutamine-induced sinus node deceleration a marker of significant stenosis of the right coronary artery? 306

massive pulmonary edema and death after prostacyclin infusion in a patient with pulmonary veno-occlusive disease, 237

perception of the role and potential side effects of inhaled corticosteroids among asthmatic patients, 587

Drug resistance: See Antibiotics; Tuberculosis

Drug therapy, for acute myocardial infarction, comparative knowledge and practice of emergency physicians, cardiologists, and primary care practitioners regarding, 297 mechanisms and management of COPD, Apr. supp., pp. 233S-

new guidelines for hypertension: Joint National Committee VI, 263 ventricular arrhythmias in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

Drug toxicity, amiodarone-induced adverse effects at the beginning of oral therapy: clinical implications, 848

Drugs, generic warfarin: a cost-effective alternative to brand-name drug or a clinical wild card? 261

Dust, grain, -induced airway disease, effect of glucocorticoids on, 505 mites, longitudinal determinants of bronchial responsiveness to inhaled histamine, 973

Dye, reproducibility of double indicator dilution measurements of intrathoracic blood volume compartments, extravascular lung water, and liver function, 1070

Dyspnea, acute, and hypoxia in a 37-year-old woman with sarcoidosis, 830

assessing, in Persian Gulf War veterans: interpretive algorithms for the symptom-limited exercise test, 612

comparison of pulmonary gas exchange measurements, 602

continuous tracheal, results of in the homes of children: diagnostics of spontaneous cough in childhood asthma, 50

does improvement in, correlate with improvement in pulmonary function? bilateral thoracoscopic staple lung volume reduction surgery, 1730

effect of cold air on exercise capacity in COPD: increase or decrease? 1560

effect of lung transplantation on health-related quality of life: a longitudinal study, 358

effort, a 39-year-old smoker with normal spirometry results, low diffusing capacity, and, 231

evaluation of, during physical and speech activities in patients with pulmonary diseases, 625

ischemic heart disease with congestive heart failure: problems in clinical management, 1119

man with productive cough and, and chest radiograph showing hyperinflation and a diffuse nodular pattern, 1123

natural history and rate of progression of aortic stenosis, 1109 on exertion, heart or lung disease: determining the primary cause for, 1705

progressive, a 77-year old man with, on exertion, 521

ratings for prescription of cross-modal exercise in patients with COPD, 60

relationship between airway obstruction and respiratory symptoms in adult asthmatics, 272

resulting from fibromvalgia, 246

serial lung function and elastic recoil two years after lung volume reduction surgery for emphysema, 1497

trepopnea following lung resection due to interatrial shunt, 1726 validation of a new measure: the UCSD Shortness of Breath Questionnaire, 619

E & M guidelines: See Medicare

Echocardiography, association between right ventricular function and perfusion abnormalities in hemodynamically stable patients with acute pulmonary embolism, 665

dobutamine stress, role of, in heart transplant patients, 809

Doppler, assault on the Swan-Ganz catheter, 1379

Doppler, evaluation of right ventricular systolic pressure during incremental exercise by, in adults with atrial septal defect,

is dobutamine-induced sinus node deceleration a marker of significant stenosis of the right coronary artery? 306

transesophageal, evaluation of potential fat emboli during placement of intramedullary nails after orthopedic fractures, 178

transesophageal, prevalence of patent foramen ovale and its contribution to hypoxemia in patients with obstructive sleep apnea, 91

transesophageal, quantification of traumatic hemomediastinum using: impact on patient management, 1475

transesophageal, use of, to predict significant coronary artery disease in aortic stenosis, 671

ventricular arrhythmias in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

Economics: See Costs

Education, ABCs of chest X-ray film interpretation, 256

comparative knowledge and practice regarding drug therapy for acute myocardial infarction, 297

ethics SOAP note, 558

medical, continuing, board review courses for critical care medicine, 1141, 1142

Eisenmenger's syndrome, right and left ventricular dysfunction in patients with severe pulmonary disease, 576

Elastance, arterial: See Arterial elastance

Elastase, relationship of alveolar macrophage plasminogen activator activities and, to lung function and CT evidence of emphysema, 1257

Elastic recoil, serial lung function and, two years after lung volume reduction surgery for emphysema, 1497

Elderly: See Age and aging

Electrocardiography, acute effect of minocycline on the pericardium: experimental and clinical findings, 861

LEOPARD syndrome, 1415

limitations of ECG in diagnosing pulmonary embolism, 559 mechanisms of acute epicardial and myocardial injury in pericar-

dial disease, 855 Electroencephalography, arterial blood pressure response to transient arousals from NREM sleep in nonapneic snorers with sleep fragmentation, 985

Electrolytes, multifocal atrial tachycardia, 203

Electrophysiology, phrenic nerve dysfunction after cardiac operations: evaluation of risk factors, 8

Emboli, acute pneumopathy in a nonsurgical transsexual, 1127

Embolism, gas: See Gas embolism

Embolism, pulmonary: See Pulmonary embolism

Embolization, tumor, lung scan appearances of, 562, 563

Emergency, comparative knowledge and practice regarding drug therapy for acute myocardial infarction, 297

comparative study of the clinical presentation of Legionella pneumonia and other community-acquired pneumonias, 1195

department, adult, use of a pulse oximeter in: impact on the number of arterial blood gas analyses ordered, 1042

department cardiopulmonary bypass in the treatment of human cardiac arrest, 743

department, respiratory resistance in the: a reproducible and responsive measure of asthma severity, 1566

department, use of noninvasive positive pressure ventilation in: results of a randomized clinical trial, 1339

prescription of macrolides in community-acquired pneumonia: science or art? 1155

Emphysema: See also Antitrypsin; comparison of short-term functional outcomes following unilateral and bilateral lung volume reduction surgery, 890

evaluation of dyspnea during physical and speech activities in patients with pulmonary diseases, 625

long suffering of Frederic Chopin, 210

lung volume reduction surgery: an analysis of hospital costs, 896 massive hemoptysis from a pulmonary artery aneurysm associated with a bulla, 1130

mechanisms and management of COPD, Apr. supp., pp. 233S-287S

pathologic findings in lung volume reduction surgery, 660

pulmonary, a 39-year-old smoker with effort dyspnea, normal spirometry results, and low diffusing capacity, 231

rapidly progressive extensive subcutaneous, associated with an implantable intratracheal oxygen catheter, 834

relationship of alveolar macrophage plasminogen activator and elastase activities to lung function and CT evidence of, 1257 right and left ventricular dysfunction in patients with severe pulmonary disease, 576

right ventricular function in COPD: can it be assessed reliably by the measurement of right ventricular ejection fraction? 567 serial lung function and elastic recoil two years after lung volume

reduction surgery for, 1497 Empyema, elevated pleural fluid levels of defensins in patients with,

thoracic, in HIV-infected patients: microbiology, management, and outcome, 732

usefulness of carcinoembryonic antigen in pleural effusion diagnosis, 1425, 1426

End-systolic pressure/volume ratio: See Systole

Endoscopy, is less better? 270

Endotoxemia, 1078

Energy expenditure, resting, effect of regular use of high-dose nebulized beta₂ agonists on, in patients with chronic airflow limitation, 1588

Enterobacteriaceae, 1542

Environmental exposure: See also Occupational exposure; long-term, urban levels of air pollution, respiratory changes due to: a histopathologic study in humans, 1312

Mycobacterium tuberculosis miniepidemic in a church gospel choir, 234

respiratory symptoms in a susceptible population due to burning of agricultural residue, 351

spectrum of irritant-induced asthma: sudden and not-so-sudden onset and the role of allergy, 42

urban air pollution: why is it a health problem? 1161

Eosinophilia, tropical pulmonary, 1673

Eosinophilic lung disease induced by bicalutamide: a case report and review of the literature, 548

Eosinophils, middle-aged woman with chronic productive cough diagnosed using sputum wet mount examination, 1411

Epicardial injury: See Heart injury Epidemics: See Public health Ergometry, cycle: See Exercise

Erythromycin, 1123, 1155, 1158

Esophagus, cancer, preoperative bronchoscopic assessment of airway invasion by: a prospective study, 687

intramucosal PCO2 (PiCO2) during endotoxemia, 1078

presentation and surgical management of bronchogenic and esophageal duplication cysts in adults, 1492

Estradiol, 278

Ethics, assault on the Swan-Ganz catheter, 1379 bilevel positive airway pressure, 258

SOAP note, 558

Euphorbiaceae (Sauropus androgynus): See Plants

EURICUS I database: See Computers

Euro-Collins solution, protective effects of ischemic preconditioning on donor lung in canine lung transplantation, 1356 Europe, nursing staff in intensive care in: the mismatch between

planning and practice, 752

European Respiratory Journal, abstracts, Jan. p. A-22; Feb. p. A-30; Mar. p. A-22; May p. A-24; June p. A-28

Evaluation and management (E & M) guidelines: See Medicare Exercise, breathing reserve at the lactate threshold, limit to, 913

capacity, effect of cold air on, in COPD, 1560 capacity, recovery and limitation of, after lung resection, 1511

cardiopulmonary exercise test, 1705

constant work, 602

cross-modal, dyspnea ratings for prescription of, in patients with COPD, 60

evaluation of dyspnea, patients with pulmonary diseases, 625 heart or lung disease: determining the primary cause for dyspnea

on exertion, 1705 impaired skeletal muscle endurance related to physical inactivity

and altered lung function in COPD patients, 900 incremental, adults with atrial septal defect, 1459

is dobutamine-induced sinus node deceleration a marker of significant stenosis of the right coronary artery? 306

left ventricular filling pressures during, 1695

long-acting inhaled beta₂-agonists in asthma therapy, 1095 new guidelines for hypertension, 263

peak, left ventricular-arterial system coupling at, in dilated nonischemic cardiomyopathy, 870

performance, aerobic endurance training program improves, in lung transplant recipients, 906

pulmonary arterial hypertension: dipping into the reserve, 1436 rehabilitation of hypoxemic patients with COPD at low altitude at the Dead Sea, 571

responses, submaximal, use of the breathing reserve to interpret, 858

a 77-year old man with progressive dyspnea on exertion, 521 test, symptom-limited, interpretive algorithms for: assessing dyspnea in Persian Gulf War veterans, 612

testing in patients with interstitial lung disease, 1148, 1149 training, with cardiac rehabilitation, 599

vocal cord dysfunction associated with, in adolescent girls, 540
Exercise and the heart, effects of sampling interval on peak oxygen
consumption in patients evaluated for heart transplantation, 816
randomized comparison of exercise training in patients with normal vs reduced ventricular function, 1387

Expectorants, treatment of idiopathic bronchiectasis with aerosolized recombinant human DNase I, 1329

Expectoration: See Sputum

Extracorporeal circulation, systemic inflammation present in patients undergoing CABG without, 1290

Extubation, early, following coronary artery bypass surgery: a prospective randomized controlled trial, 1481 self-, sedation protocol to prevent, 1429, 1430

Exudates and transudates, cytologically proved malignant pleural effusions: distribution of transudates and exudates, 1302

usefulness of carcinoembryonic antigen in pleural effusion diagnosis, 1425, 1426

Eye, orbital herniation associated with noninvasive positive pressure ventilation, 841

Fat, effects of body composition changes after exercise training with cardiac reliabilitation, 599

Fenoterol, lung deposition of flunisolide and, 957

Fever, prediction of mortality in febrile medical patients, 1533

Fiberoptic bronchoscopy: See Bronchoscopy, fiberoptic Fibrillation: See Atrial fibrillation; Ventricular fibrillation

Fibromyalgia, dyspnea resulting from, 246

Fibrosis: See Pulmonary fibrosis

Filariasis, tropical pulmonary eosinophilia, 1673

Finger blood pressure, comparison between systolic aortic root pressure and, 1466

5-hydroxytryptamine (5-HT): See Serotonin

Flow volume loop, usefulness of, 847

Flowmeters: See Peak flowmeters

Fluid challenge, right ventricular end-diastolic volume as a predictor of the hemodynamic response to, 1048

Fluid specimen quality: See Biopsy; Diagnosis Flunisolide, lung deposition of fenoterol and, 957

Fluoroquinolones, prescription of macrolides in community-acquired pneumonia: science or art? 1155

Fluticasone propionate, short-term growth in asthmatic children using, 584

Food, dose-response relationship and irreversible obstructive ventilatory defect in patients with consumption of Sauropus androgynus. 71

Foramen ovale, patent, prevalence of, and its contribution to hypoxemia in patients with obstructive sleep apnea, 91

Forced expiratory volume, cystic fibrosis: when to consider lung transplantation? 1159

exercise testing in patients with interstitial lung disease, 1148, 1149 rate of FEV₁ change following lung volume reduction surgery, 652 risk of death in cystic fibrosis patients with severely compromised lung function, 1230

Forced vital capacity: See Vital capacity, forced

Forceps, three sizes, techniques in human airway inflammation, 182
Foreign bodies, aspiration into the lower airways may not be unusual in older adults, 1733

erosion of implantable cardioverter defibrillator patch electrode into airways, 252

self-inflicted intramyocardial injury with a sewing needle: a rare cause of pneumothorax, 531

Formoterol, long-acting inhaled beta₂-agonists in asthma therapy, 1095

regular, concomitant administration of low-dose prednisolone protects against in vivo beta₂-adrenoceptor subsensitivity induced by, 34

Fractures, orthopedic, evaluation of potential fat emboli during placement of intramedullary nails after, 178

France, ICU outcomes for patients with HIV infection: a moving target, 269

Free radicals, BAL fluid contains detectable superoxide dismutase 1 activity, 401

metallothionein expression in human lung and its varying levels after lung transplantation, 371

Functional residual capacity, 1028

Functional status: See Activities of daily living

Ganciclovir, cytomegalovirus viremia in lung transplant recipients receiving immune globulin and, 924

Gas embolism, venous and arterial, associated with positive pressure ventilation, 1132

Gas exchange, pulmonary: See Pulmonary gas exchange

Gastric intramucosal pH: See pH

Gastric tonometry, predictive value of PCO2 gap in infants, 561

Gastrointestinal cancer-associated antigen, tumor markers in sputum of patients with bronchioloalveolar carcinoma, 1144

Gastrointestinal system, bleeding, anticoagulation of very elderly patients in atrial fibrillation, 1115

gastric and esophageal intramucosal Pco₂, 1078

large airway disease associated with inflammatory bowel disease, 1723

tonometry, 1064

Gender: See Sex factors

Generic drugs: See Drugs

Genetics, microsatellite instability and loss of heterozygosity at chromosomes 9 and 17 in non-small cell lung cancer, 1091

Genitalia, LEOPARD syndrome, 1415

Geography, urban air pollution: why is it a health problem? 1161

Glasgow Coma Scale: See Coma

Glomerulonephritis, pulmonary opacities and, in a 15-year-old boy, 525

Glucocorticoids, effect of, on grain dust-induced airway disease, 505 Glucocorticosteroids, oral, 1264

Glycoproteins, 1526

GM-CSF: See Granulocyte-macrophage colony-stimulating factor Gold miners, influence of silicosis on deteriorating lung function in, 340

Graft rejection, bronchiolitis obliterans after lung transplantation: detection using expiratory HRCT, 365

lung transplantation in cystic fibrosis: consensus conference statement, 217

mixed (neutrophil-rich) interstitial pneumonitis in biopsy specimens of lung allografts: a clinicopathologic evaluation, 117

Graft survival, therapeutic potential of nitric oxide in lung transplantation, 1360

Grain farming: See Agriculture

Granulocyte colony-stimulating factor, elevated pleural fluid levels of defensins in patients with empyema, 788

Granulocyte-macrophage colony-stimulating factor, pulmonary alveolar proteinosis: lung transplant or bone marrow transplant? 563

olar proteinosis: lung transplant or bone marrow transplant? 563 Granuloma, diagnostic and management strategies for diffuse interstitial lung diseases, 192

systemic noncaseating deciphering histoplasmosis, sarcoidosis, and, in the literature, 1143

Granulomatosis, Wegener's, 525, 836

Gravimetric analysis, measuring nebulizer output, 853

Grepafloxacin resistance, 1158

Growth, retardation, LEOPARD syndrome, 1415

short-term, in asthmatic children using fluticasone propionate, 584

Guatemala, epidemiology and clinical consequences of drug-resistant tuberculosis in a hospital, 1452

United States and worldwide tuberculosis control, 1434

Guidelines, assault on the Swan-Ganz catheter, 1379

chronic ventilator unit admission criteria, 257

disease management of pulmonary infections, Mar. supp. pp.165S-2328

E&M, 1432

impact on the management of acute exacerbations of bronchial asthma, 28

lung transplantation in cystic fibrosis, 217

new, for hypertension: Joint National Committee VI, 263 treatment of spontaneous pneumothorax, 1423, 1424 underreading of the tuberculin skin test reaction, 1175

use of, in treating community-acquired pneumonia, 1689 Gulf War: See War

Gut perfusion: See Gastrointestinal system

Haemophilus influenzae, 77

Hakulinen survival model, 1580

Hamartoma, endobronchial lipomatous: a rare cause of bronchial occlusion, 254

importance of intrapulmonary lymph nodes in the differential diagnosis of small pulmonary nodular shadows, 703

Handgrip strength: See Strength

Handwriting recognition, online journals: moving in the right direction, 1423

HCFA (Health Care Financing Administration): See US Health Care Financing Administration

Health care personnel, staffing ICUs, 569 tuberculosis control program, 1184

Health Care Financing Administration (HCFA): See US Health Care Financing Administration

Health economics: See Cost

Health resources, measuring use in the ICU with computerized Therapeutic Intervention Scoring System-based data, 434

Health status, predictors of short- and long-term survival in HIVinfected patients admitted to the ICU, 421

Heart, disease or lung disease: determining the primary cause for dyspnea on exertion, 1705

pathophysiology of cardiac tamponade, 1372

unusual case of pseudocardiomegaly, 1711

Heart arrest, emergency department cardiopulmonary bypass in the treatment of, 743

open-chest resuscitation and postcardiac surgery arrest, 3, 15

optimizing standard cardiopulmonary resuscitation with an inspiratory impedance threshold valve, 1084 sudden, cardiomyopathic lentiginosis/LEOPARD syndrome pre-

senting as, 1415 Heart atrium: See Atrial; Atrium; Heart septum

Heart disease, decreased basal production of nitric oxide in patients with, 317

ischemic, with congestive heart failure: problems in clinical management, 1119

Heart failure, decreased basal production of nitric oxide in patients with heart disease, 317

Heart failure, congestive, can quantitative capnometry differentiate between cardiac and obstructive causes of respiratory distress? 323

diminished short-term heart rate variability predicts inducible ventricular tachycardia, 312

effects of cardiac dysfunction on non-hypercapnic central sleep apnea, 104

ischemic heart disease with: problems in clinical management, 1119

multifocal atrial tachycardia, 203

normal left ventricular ejection fraction in older persons with, 867 review of why and how we may use beta-blockers in, 800

Heart injury, circumflex coronary artery dissection following waterskiing, 1138 mechanisms of acute epicardial and, in pericardial disease, 855

mechanisms of acute epicardial and myocardial injury in pericardial disease, 855

self-inflicted intramyocardial injury with a sewing needle: a rare cause of pneumothorax, 531

Heart rate, diminished short-term variability predicts inducible ventricular tachycardia, 312

review of why and how we may use beta-blockers in congestive heart failure, 800

variability reflects severity of COPD in PiZ α1-antitrypsin deficiency, 327

Heart septum, atrial septal defects, evaluation of right ventricular systolic pressure during incremental exercise by Doppler echocardiography in adults with, 1459

Heart surgery, coronary artery bypass grafting in patients with COPD, 878

phrenic nerve dysfunction after cardiac operations: electrophysiologic evaluation of risk factors, 8

Heart transplantation, double jeopardy: lung cancer following, 1720 effects of sampling interval on peak oxygen consumption in patients evaluated for, 816

role of dobutamine stress echocardiography in patients, 809

Heart valves, acute dyspnea and hypoxia in a 37-year-old woman with sarcoidosis, 830

chronic mitral regurgitation: when and how to operate, 1399

clinical evaluation of the Physio annuloplasty ring, 1296

ischemic heart disease with congestive heart failure: problems in clinical management, 1119

replacement, natural history and rate of progression of aortic stenosis, 1109

Heart ventricles: See Ventricle, left; Ventricle, right

Height: See Body height

Heimlich flutter valve, patient-induced complications of, 838

HELLP syndrome, elevated right hemidiaphragm and abdominal pain in a 36-year-old postpartum woman, 1715

Hematoma, elevated right hemidiaphragm and abdominal pain in a 36-year-old postpartum woman, 1715

Hemidiaphragm: See Diaphragm

Hemodialysis, long-term, tuberculin and anergy skin testing of patients receiving, 25

Hemodynamics, assault on the Swan-Ganz catheter, 1379

decreased basal production of nitric oxide in patients with heart disease, 317

does N-acetyl-L-cysteine influence cytokine response during early human septic shock? 1616

failure, early release of proinflammatory cytokines after lung transplantation, 645

pathophysiology of cardiac tamponade, 1372

pulmonary, effects of long-term oxygen therapy on, in COPD patients, 65

response to a fluid challenge, right ventricular end-diastolic volume as a predictor of, 1048

review of why and how we may use beta-blockers in congestive heart failure, 800 right and left ventricular dysfunction in patients with severe

pulmonary disease, 576 Hemoglobin, factors predictive of survival among 337 patients with

mesothelioma, 723 Hemomediastinum, traumatic, quantification of, using transesopha-

geal echocardiography: impact on patient management, 1475 Hemoptysis, massive, from a pulmonary artery aneurysm associated with an emphysematous bulla, 1130

recurrent, erosion of implantable cardioverter defibrillator patch

electrode into airways: an unusual cause of, 252 Hemorrhage, diffuse alveolar, 525, 1609

gastrointestinal, 1115

intracranial, 841, 1115

pulmonary, 1695

Heparin, benefit of, in central venous and pulmonary artery cathe-

low molecular weight, opinions regarding the diagnosis and management of venous thromboembolic disease, 499

prophylaxis for deep venous thrombosis: the ACCP antithrombotic statement, revisited, 844

utilization of venous thromboembolism prophylaxis in a medicalsurgical ICU, 162

venous thromboembolism in the intensive care unit: the last frontier for prophylaxis, 5

Hepatitis, C virus, a case of systemic lupus erythematosus or? 1146 lung transplantation in cystic fibrosis: consensus conference statement, 217

Herniation, orbital: See Eye

Heterozygosity: See Genetics HFA: See Hydrofluoroalkane

High-frequency oscillation: See Oscillation

Hilar lymphadenopathy, bilateral: See Lymphadenopathy

Hilar mass and papilledema on presentation, 227

Histamine, longitudinal determinants of bronchial responsiveness to inhaled histamine, 973

Histopathology, pathologic findings in lung volume reduction surgery, 660

Histoplasmosis, deciphering, systemic noncaseating granuloma, and sarcoidosis in the literature, 1143

Histoplasmosis, hypoxic respiratory failure in a 30-year-old spelunker,

1125 HIV infections: See also Acquired immunodeficiency syndrome; AIDS-related bronchogenic carcinoma: fact or fiction? 154

ICU outcomes for patients with: a moving target, 269

lung transplantation in cystic fibrosis: consensus conference statement, 217

nonspecific airway hyperresponsiveness in, 845, 846

predictors of short- and long-term survival in patients admitted to the ICU, 421

pseudomesotheliomatous adenocarcinoma of the lung in a patient with. 839

pulmonary complications of: autopsy findings, 1225

pulmonary Mycobacterium avium complex disease without dissemination in patients (with), 542

Streptococcus pneumoniae bacteremia in a community hospital, 387

thoracic empyema in patients: microbiology, management, and outcome, 732

Hodgkin's disease, mediastinoscopy in patients with presumptive stage I sarcoidosis: a risk/benefit, cost/benefit analysis, 147

Home, health care, effects of long-term oxygen therapy on pulmonary hemodynamics in COPD patients: a 6-year prospective study, 65 management of asthma, compliance with peak expiratory flow monitoring in, 968

monitoring, elevation of peak expiratory flow by a "spitting" maneuver measured with five peak flowmeters, 1134

Homeostasis, therapeutic potential of nitric oxide in lung transplantation, 1360

Horses, left ventricular filling pressures during exercise: a cardiological blind spot? 1695

Hospitalization: See also Length of stay; clinical benefit of in-hospital observation in 'low-risk' pneumonia patients after conversion from parenteral to oral antimicrobial therapy, 142

race, income, urbanicity, and asthma in California: a small area analysis, 1277

Hospitals, costs, lung volume reduction surgery: an analysis of, 896 Guatemalan, epidemiology and clinical consequences of drugresistant tuberculosis in (a), 1452

nursing staff in intensive care in Europe: the mismatch between planning and practice, 752

staffing ICUs: the good news and the not-so-good news, 569 urban teaching, effectiveness of a nosocomial tuberculosis control program at (an) 1184

Host defenses: See Defensins; Immune response; Immunosuppression

House dust mites: See Dust mites

5-HT (5-hydroxytryptamine): See Serotonin

Humidifiers, extended-use hygroscopic condenser compar(ed) with heated-water humidification, 759

Hydralazine, review of why and how we may use beta-blockers in congestive heart failure, 800

Hydrocortisone, effect of glucocorticoids on grain dust-induced airway disease, 505

Hydrofluoroalkane, pressurized metered-dose inhaler, salbutamol delivery from, in pediatric ventilator circuits, 186

Proventil and Ventolin have similar safety profiles during regular use, 290

Proventil HFA provides bronchodilation comparable to Ventolin over 12 weeks of regular use in asthmatics, 283

Hydrolysis, adenosine triphosphate, 1064

5-hydroxytryptamine (5-HT): See Serotonin

Hyperbilirubinemia, Streptococcus pneumoniae bacteremia in a community hospital, 387

Hyperinflation: See Lung hyperinflation Hyperresponsiveness, bronchial: See Airway

Hypersensitivity, coronary artery spasm complicating anaphylaxis secondary to skin disinfectant, 1417

middle-aged woman with chronic productive cough diagnosed using sputum wet mount examination, 1411 spectrum of irritant-induced asthma: sudden and not-so-sudden

onset and the role of allergy, 42

Hypertension, new guidelines for prevention, detection, evaluation, and treatment of: Joint National Committee VI, 263 normal left ventricular ejection fraction in older persons with

congestive heart failure, 867

Hypertension, pulmonary, arterial: dipping into the reserve, 1436 assault on the Swan-Ganz catheter, 1379

evaluation of right ventricular systolic pressure during incremental exercise by Doppler echocardiography in adults with atrial septal defect, 1459

leukemia and, 851, 852

massive pulmonary edema and death after prostacyclin infusion in a patient with pulmonary veno-occlusive disease, 237

right and left ventricular dysfunction in patients with severe pulmonary disease, 576

right ventricular function in COPD, 567

utility of CT scan evaluation for predicting, in patients with parenchymal lung disease, 1250

Hypoalbuminemia: See Albumin

Hypogammaglobulinemia, long suffering of Frederic Chopin, 210 Hyponatremia, Streptococcus pneumoniae bacteremia in a community hospital, 387

Hypoperfusion, gastric and esophageal intramucosal PCO2 (PiCO2) during endotoxemia, 1078

gastric or intestinal, 1064

Hypopnea: See also Sleep apnea-hypopnea syndrome;

changes in urinary uric acid excretion in obstructive sleep apnea before and after therapy with nasal continuous positive airway pressure, 1604

effect of a mandibular advancement device on apneas and sleep in patients with obstructive sleep apnea, 707

relation between Multiple Sleep Latency Test findings and the frequency of apneic events in REM and non-REM sleep, 980 Hypotension, early release of proinflammatory cytokines after lung

transplantation, 645 Hypothermia, topical, phrenic nerve dysfunction after cardiac oper-

ations: electrophysiologic evaluation of risk factors, 8 Hypotheses: See Opinions/hypotheses

Hypoxemia: See Anoxemia

Ice slush, phrenic nerve dysfunction after cardiac operations: electrophysiologic evaluation of risk factors, 8

ICUs: See Critical care

Idiopathic pulmonary fibrosis: See Pulmonary fibrosis

Immigration and public health: See Tuberculosis

Immune globulin, cytomegalovirus viremia in lung transplant recipients receiving ganciclovir and, 924

Immune response, therapeutic potential of nitric oxide in lung transplantation, 1360

Immunosuppression, double jeopardy: lung cancer following cardiac transplantation, 1720

Implants, erosion of cardioverter defibrillator patch electrode into airways: an unusual cause of recurrent hemoptysis, 252

rapidly progressive extensive subcutaneous emphysema associated with an intratracheal oxygen catheter, 834

Income: See Socioeconomic factors

Indocyanine green, reproducibility of double indicator dilution measurements of intrathoracic blood volume compartments, extravascular lung water, and liver function, 1070

Infants, predictive value of PCO₂ gap in, 561 Infarction, myocardial: See Myocardial infarction

Infection control: See Tuberculosis

Infections: See also Bacterial infections: Pulmonary infections; opportunistic, predictors of short- and long-term survival in HIVinfected patients admitted to the ICU, 421

prediction of mortality in febrile medical patients: how useful are systemic inflammatory response syndrome and sepsis criteria?

Inflammation: See also Airway inflammation; systemic, acute phase response, present in patients undergoing CABG without extracorporeal circulation, 1290

Inflammatory bowel disease: See Bowel

Information, online journals: moving in the right direction, 1423

Inhalers: See Nebulizers

Injury, traumatic: See Trauma

Inspiratory impedance threshold valve: See Cardiopulmonary resus-

Inspiratory pressure, maximal, acute oxygen supplementation does not relieve the impairment of respiratory muscle strength in hypoxemic COPD, 334

Intensive care: See Critical care

Interatrial shunting: See Shunt

Interferon, intracavitary bleomycin vs, in the management of malignant pleural effusions, 1145, 1146

Interleukin-8, does N-acetyl-L-cysteine influence cytokine response during early human septic shock? 1616

Interleukin-10 response, compensatory anti-inflammatory cytokine, in pediatric sepsis-induced multiple organ failure, 1625

Interleukins, elevated pleural fluid levels of defensins in patients with empyema, 788

expression of inducible nitric oxide synthase and inflammatory cytokines in alveolar macrophages of ARDS following sepsis, 1632

Intermediate care, systematic review of the cost-effectiveness of noncardiac transitional care units, 172

International health, epidemiology and clinical consequences of drug-resistant tuberculosis in a Guatemalan hospital, 1452

treatment of spontaneous pneumothorax, 1423, 1424 tropical pulmonary eosinophilia, 1673

United States and worldwide tuberculosis control, 1434

International Labour Office, Sherlock Holmes, Albrecht Dürer, and Socrates: radiographic classification of pneumoconioses reassessed for asbestosis, 1439

International normalized ratio, generic warfarin: a cost-effective alternative to brand-name drug or a clinical wild card? 261

International Symposium on Thoracic Malignancies, Jan. supp., pp. 15-1225

International System for Staging Lung Cancer, reflections on the revisions in, 1728, 1729

Internet: See Computers

Interstitial lung diseases: See Pulmonary diseases, interstitial

Interstitial pulmonary fibrosis: See Pulmonary fibrosis, interstitial

Intracardiac shunting: See Shunt

Intracranial hemorrhage: See Hemorrhage

Intramedullary nails: See Orthopedics

Intramucosal acidosis: See Acidosis

Intramucosal pH: See pH

Intraocular pressure: See Eye

Intravenous sedation: See Sedation

Intubation, airway obstruction with percutaneous tracheostomy, 849 impact of tracheotomy on colonization and infection of lower airways in children requiring long-term ventilation, 77

more on airway obstruction with percutaneous tracheostomy, 850 tracheal bronchus: a cause of prolonged atelectasis in intubated children, 537

use of noninvasive positive pressure ventilation in the emergency department: results of a randomized clinical trial, 1339 Inverse ratio ventilation: See Respiration, artificial

lodide, thymol, comparisons of pleurodesis induced by tale with or without, in rabbits, 795

Irritants, spectrum of irritant-induced asthma: sudden and not-sosudden onset and the role of allergy, 42

Ischemia: See also Myocardial ischemia; heart disease with congestive heart failure: problems in clinical management, 1119

protective effects of preconditioning on donor lung in canine lung transplantation, 1356

review of why and how we may use beta-blockers in congestive heart failure, 800 -reperfusion, 1064

T-wave inversion in pulmonary embolism, 850

Ischemia-reperfusion lung injury: See Lung injury
Isoniazid, effectiveness of a nosocomial tuberculosis control program at an urban teaching hospital, 1184

low serum antimycobacterial drug levels in non-HIV-infected tuberculosis patients, 1178

scandalous incompetence...continued, 1153

serum concentrations of the antimycobacterial drugs, 1154

Israel, rehabilitation of hypoxemic patients with COPD at low altitude at the Dead Sea, the lowest place on earth, 571 what happens in the Dead Sea? 566

Itraconazole, chronic necrotizing pulmonary aspergillosis: approach to management, 852

J-ST deviations: See Electrocardiography

Journals, online journals: moving in the right direction, 1423

Kaposi's sarcoma: See Sarcoma

Kidney failure, tuberculin and anergy skin testing of patients receiving long-term hemodialysis, 25

pulmonary opacities and glomerulonephritis in a 15-year-old boy,

Knee, prophylaxis for deep venous thrombosis: the ACCP antithrombotic statement, revisited, 844

Knemometry, short-term growth in asthmatic children using fluticasone propionate, 584

L-cysteine: See Cysteine

L-NAME, effect of, an inhibitor of nitric oxide synthesis on cardiopulmonary function in human septic shock, 1640

Laboratory and animal investigations, activation of platelets in bronchial asthma, 452

combination of partial liquid ventilation and inhaled nitric oxide in the severe oleic acid lung injury model, 1658

comparisons of pleurodesis induced by tale with or without thymol iodide in rabbits, 795

delivery of inhaled nitric oxide using the Ohmeda INOvent delivery system, 1650

effect of physiologic and mechanical aging on the performance of peak flowmeters, 774

elevated pleural fluid levels of defensins in patients with empyema,

gastric and esophageal intramucosal PCO2 (PiCO2) during endotoxemia: assessment of raw PiCO2 vs PcO2 gradient as indicators of hypoperfusion in a canine model of septic shock,

microsatellite instability and loss of heterozygosity at chromosomes 9 and 17 in non-small cell lung cancer, 1091

optimizing standard cardiopulmonary resuscitation with an inspiratory impedance threshold valve, 1084

patterns of dissimilarities among instrument models in measuring Po2, Pco2, and pH in blood gas laboratories, 780

protective effects of ischemic preconditioning on donor lung in canine lung transplantation, 1356

pulmonary epithelial permeability and gas exchange: a comparison of inverse ratio ventilation and conventional mechanical ventilation in oleic acid-induced lung injury in rabbits, 459

respiratory mechanics after prosthetic reconstruction of the chest wall in normal rats, 1667

salbutamol delivery from a hydrofluoroalkane pressurized me-tered-dose inhaler in pediatric ventilator circuits, 186

techniques in human airway inflammation: quantity and morphology of bronchial biopsy specimens taken by forceps of three sizes, 182

Lactam, beta-, therapy, 1158, 1201 Lactate dehydrogenase, false-positive results of carcinoembryonic

antigen in pleural effusions, 1143, 1144 Lactate threshold, breathing reserve at, to differentiate a pulmonary mechanical from cardiovascular limit to exercise, 913

use of the breathing reserve to interpret submaximal exercise

Language, prophylaxis for deep venous thrombosis: the ACCP anti-thrombotic statement, revisited, 844

Lasers, radiofrequency ablation for sleep-disordered breathing, 1151 therapy, bilateral partial bronchial obstruction due to broncholi-thiasis treated with, 240

value of Nd:YAG for the surgery of lung metastases in a randomized trial, 1402

Law, ACCP and the tobacco issues, 1682

immunity is forever, 1680

Leg, short-term growth in asthmatic children using fluticasone

propionate, 584

Legionella, new macrolides or new quinolones as monotherapy for patients with community-acquired pneumonia: our cup runneth over? 1158

pneumonia, comparative study of the clinical presentation of, and other community-acquired pneumonias, 1195

prescription of macrolides in community-acquired pneumonia: science or art? 1155

treatment of lung abscess: unanswered questions? 845

Leiomyosarcoma, primary, of the pulmonary artery confirmed by catheter suction biopsy, 555

Length of stay, atrial fibrillation after bypass surgery, 1489

failure of splanchnic resuscitation in the acutely injured trauma patient correlates with multiple organ system failure and, in the ICU, 1064

impact of clinical pathways and practice guidelines on the management of acute exacerbations of bronchial asthma, 28

'low-risk' pneumonia patients after conversion from parenteral to oral antimicrobial therapy, 142 use of adjunctive corticosteroids in severe adult non-HIV *Pneumo*-

cystis carinii pneumonia, 1215

use of guidelines in treating community-acquired pneumonia, 1689 Lentiginosis, cardiomyopathic/LEOPARD syndrome presenting as sudden cardiac arrest, 1415

Leukemia, factors predictive of survival among 337 patients with mesothelioma, 723

pulmonary hypertension and, 851, 852

Leukocytes, factors predictive of survival among 337 patients with mesothelioma, 723

Leukopenia, Streptococcus pneumoniae bacteremia in a community hospital, 387

Levofloxacin, new macrolides or new quinolones as monotherapy for patients with community-acquired pneumonia: our cup runneth over? 1158

Liability, ACCP and the tobacco issues, 1682 immunity is forever, 1680

Lidocaine, drug therapy for acute myocardial infarction, 297

Life expectancy: See also Survival; risk of death in cystic fibrosis patients with severely compromised lung function, 1230

Lifestyle: See Patients Lipid disorders, new guidelines for hypertension, 263

Lipoma, endobronchial lipomatous hamartoma: a rare cause of bronchial occlusion, 254

Liposomes, 99mTc-labeled beclomethasone-DLPC, regional lung deposition and clearance of, in mild and severe asthma, 1573 Liquid ventilation: See Ventilation

Literature reviews: See Research; Reviews

Litmus paper, pleural fluid pH determination, 1426 Liver, elevated right hemidiaphragm and abdominal pain in a 36-year-old postpartum woman, 1715

function, reproducibility of double indicator dilution measurements of, 1070

lesions, large complex, and lung mass, 1408 Living wills: See Ethics; Terminal care

Lobectomy, physiology of lung resection: no rules, just..Rx, 1438 radical upper, prolonged air leak following:

an analysis of incidence and possible risk factors, 1507

recovery and limitation of exercise capacity after lung resection for lung cancer, 1511

trepopnea following lung resection due to interatrial shunt, 1726 Long-term care, COPD and other diseases in chronically ventilated patients in a prolonged respiratory care unit: a retrospective 20-year survival study, 86

Longitudinal studies: See Time

Lorazepam, sedation protocol to prevent self-extubation, 1429, 1430 Low altitude: See Altitude

Lung: See also Lung injury: Lung transplantation; Lung volume reduction surgery, below; headings beginning with Pulmonary; branching parenchymal mass, 523

clearance, pulmonary epithelial permeability and gas exchange, 459

decreased basal production of nitric oxide in patients with heart disease, 317

disease or heart disease: determining the primary cause for dyspnea on exertion, 1705

early profibrotic or repair activity during cardiopulmonary bypass: who is the culprit? 1731

human, metallothionein expression in, and its varying levels after lung transplantation, 371

hyperinflation, man with dyspnea, productive cough, and chest radiograph showing, and a diffuse nodular pattern, 1123

hyperinflation, radiographic assessment of: correlation with objective chest radiographic measurements and mechanical ventilator parameters, 1698 mass and large complex liver lesions, 1408 regional deposition and clearance of 99mTc-labeled becometha-

sone-DLPC liposomes in mild and severe asthma, 1573

structure and function, pulmonary tuberculosis treated with directly observed therapy: serial changes in, 933

urban air pollution: why is it a health problem? 1161

water, extravascular, reproducibility of double indicator dilution measurements of intrathoracic blood volume compartments, liver function, and, 1070

Lung abscess: See Abscess Lung deposition of drugs: See Aerosols; Drug delivery; Nebulizers Lung diseases, interstitial: See Pulmonary diseases, interstitial

Lung injury, evaluation of respiratory inductive plethysmography in controlled ventilation: measurement of tidal volume and PEEPinduced changes of end-expiratory lung volume, 443

expression of inducible nitric oxide synthase and inflammatory cytokines in alveolar macrophages of ARDS following sepsis,

ischemia/reperfusion, early release of proinflammatory cytokines after lung transplantation, 645

oleic-acid induced, in rabbits, pulmonary epithelial permeability and gas exchange: a comparison of inverse ratio ventilation and conventional mechanical ventilation in, 459

severe oleic acid model, combination of partial liquid ventilation and inhaled nitric oxide in, 1658

Lung surgery: See Surgery

Lung transplantation, adult recipients, community respiratory viral infection in, 944

bronchiolitis obliterans after: detection using expiratory HRCT,

canine, protective effects of ischemic preconditioning on donor lung in, 1356

cost-effectiveness of, in the Netherlands: a scenario analysis, 124 cystic fibrosis: when to consider? 1159

cytomegalovirus viremia in recipients receiving ganciclovir and immune globulin, 924

early release of proinflammatory cytokines after, 645

effect of, on health-related quality of life: a longitudinal study, 358 for Williams-Campbell syndrome, 534

in cystic fibrosis: consensus conference statement, 217

it's not "just a virus" anymore, 859

mechanisms and management of COPD, Apr. supp., pp. 233S-2875

metallothionein expression in human lung and its varying levels after, 371

mixed (neutrophil-rich) interstitial pneumonitis in biopsy specimens of lung allografts: a clinicopathologic evaluation, 117 organ donors, 124, 217, 1356

predictors of quality of life and adjustment after, 633 pulmonary alveolar proteinosis: bone marrow transplant or? 563 recipients, aerobic endurance training program improves exercise

performance in, 906
recipients, allograft colonization and infections with *Pseudomonas*in cystic fibrosis, 1235

risk of death in cystic fibrosis patients with severely compromised lung function, 1230

therapeutic potential of nitric oxide in, 1360 Lung volume, end-expiratory, effects of positive end-expiratory pressure on oscillated flow rate during high-frequency chest compression, 1028

end-expiratory, evaluation of respiratory inductive plethysmogra-phy in controlled ventilation: measurement of tidal volume and PEEP-induced changes of, 443

exercise testing in patients with interstitial lung disease, 1148, 1149 radiographic assessment of hyperinflation: correlation with objective chest radiographic measurements and mechanical ventilator parameters, 1698

Lung volume reduction surgery, an analysis of hospital costs, 896 bilateral thoracoscopic staple, does improvement in dyspnea correlate with improvement in pulmonary function? 1730 mechanisms and management of COPD, Apr. supp., pp. 233S-

287S

pathologic findings in, 660

rate of FEV1 change following, 652

serial lung function and elastic recoil two years after, for emphysema, 1497

unilateral and bilateral, comparison of short-term functional outcomes following, 890

Lupus erythematosus, systemic, a case of hepatitis C virus or? 1146 Lymph nodes, detection of occult micrometastases in non-small cell lung carcinoma by reverse transcriptase-polymerase chain reaction, 1526

intrapulmonary, importance of, in the differential diagnosis of small pulmonary nodular shadows, 703

Lymphadenopathy, mediastinoscopy in patients with presumptive stage I sarcoidosis: a risk/benefit, cost/benefit analysis, 147

Lymphocytes, beta₂-adrenoceptor regulation and function in female asthmatic patients receiving the oral combined contraceptive

CD4 counts and mortality in AIDS patients requiring mechanical ventilator support due to Pneumocystis carinii pneumonia,

CD4, predictors of short- and long-term survival in HIV-infected patients admitted to the ICU, 421

concomitant administration of low-dose prednisolone protects against in vivo beta2-adrenoceptor subsensitivity induced by regular formoterol, 34

T-, activation of platelets in bronchial asthma, 452 Lymphoma, additional information from percutaneous cutting needle biopsy following fine needle aspiration in the diagnosis of chest lesions, 1522

non-Hodgkin's, ARDS associated with tumor lysis syndrome in a patient with, 550

non-Hodgkin's, mediastinoscopy in patients with presumptive stage I sarcoidosis: a risk/benefit, cost/benefit analysis, 147

Macrolides, implications for macrolide treatment in communityacquired pneumonia, 1201

new, or new quinolones as monotherapy for patients with commu-nity-acquired pneumonia: our cup runneth over? 1158

prescription of, in community-acquired pneumonia: science or art? 1155

treatment, implications for, in community-acquired pneumonia, 1201

Macrophages, alveolar, 1257, 1632 Magnesium, multifocal atrial tachycardia, 203

Magnetic resonance imaging, opinions regarding the diagnosis and management of venous thromboembolic disease, 499

Mammary artery internal, grafting, 1285 Mandible, effect of a mandibular advancement device on apneas and sleep in patients with obstructive sleep apnea, 707

efficacy of oral appliances in the treatment of persistent sleep apnea after uvulopalatophaiyngoplasty, 992 Marlex: See Polypropylene mesh

Mathematical coupling: See Data analysis

Maximal inspiratory pressure: See Inspiratory pressure, maximal Maximal voluntary ventilation to peak exercise ventilation ratio (breathing reserve): See Respiration

Mechanical ventilation: See Respiration, artificial
Mediastinoscopy, in patients with presumptive stage I sarcoidosis: a
risk/benefit, cost/benefit analysis, 147

Mediastinum, superior vena cava suppression in cystic fibrosis, 1732

Medical literature reviews: See Reviews Medical personnel services, see College

Medical records, CPT coding and Medicare reimbursement: from beans to bullets, 1431

E&M guidelines: is the medical record a database repository or a communication tool? 1432

Medicare, E&M guidelines, 1431, 1432

Melanoma, patient with newly diagnosed, and pulmonary nodules,

Meningitis, pneumococcal bacteremia in childhood: a 6-year experince in a community hospital, 1207

Mental status change, Streptococcus pneumoniae bacteremia in a community hospital, 387

Mesothelioma, factors predictive of survival among 337 patients with,

pseudomesotheliomatous adenocarcinoma of the lung in a patient with HIV infection, 839

Messenger RNA: See RNA

Meta-analysis, benefit of heparin in central venous and pulmonary artery catheters, 165

Metallothionein expression in human lung and its varying levels after

lung transplantation, 371 Metastatic neoplasms, bronchoalveolar carcinoma: histopathologic study of evolution in a series of 105 surgically treated patients, 301

detection of occult micrometastases in non-small cell lung carcinoma by reverse transcriptase-polymerase chain reaction, 1526

importance of intrapulmonary lymph nodes in the differential

diagnosis of small pulmonary nodular shadows, 703 localization of bronchial intraepithelial neoplastic lesions by fluorescence bronchoscopy, 696 lung mass and large complex liver lesions, 1408 lung, value of Nd:YAG laser for the surgery of, in a randomized

trial 1402

preoperative bronchoscopic assessment of airway invasion by esophageal cancer: a prospective study, 687 sclerotherapy for malignant pleural effusions: bleomycin vs doxy-

cycline, 1305

sual presentation of metastatic colon cancer to the lung, 244 Metered-dose inhalers: See Nebulizers

Methacholine challenge: See Bronchial provocation

Methyl ester, NG-nitro-L-arginine methyl ester (L-NAME), effect of, an inhibitor of nitric oxide synthesis on cardiopulmonary function in human septic shock, 1640

Methyl-methacrylate, 1667

Metoprolol, multifocal atrial tachycardia, 203

review of why and how we may use beta-blockers in congestive heart failure, 800

Mexico, United States and worldwide tuberculosis control, 1434

Mice, pulmonary alveolar proteinosis: lung transplant or bone mar-row transplant? 563

Microangiopathy, pulmonary hypertension and leukemia, 851, 852 Micrometastases: See Metastatic neoplasms

Microsatellite instability and loss of heterozygosity at chromosomes 9 and 17 in non-small cell lung cancer, 1091

Microsimulation: See Simulations

Midazolam, intravenous sedation, role of atropine premedication in fiberoptic bronchoscopy using, 1394 Miniepidemics: See Public health

Minimally invasive techniques, role of radiologic imaging in diagnosing complications of video-assisted thoracoscopic surgery, 820 temporary coronary artery perfusion catheter during minimally

invasive coronary surgery, 514 value of Nd:YAG laser for the surgery of lung metastases in a randomized trial, 1402

Mining, influence of silicosis on deteriorating lung function in gold miners, 340

Minocycline, acute effect of, on the pericardium: experimental and clinical findings, 861

mechanisms of acute epicardial and myocardial injury in pericardial disease, 855

Minority groups, race, income, urbanicity, and asthma hospitalization in California: a small area analysis, 1277

Mitral valves: See Heart valves

Mortality: See also Survival; assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

CD4 lymphocyte counts and, in AIDS patients requiring mechanical ventilator support due to Pneumocystis carinii pneumo-

circumflex coronary artery dissection following waterskiing, 1138 coronary artery bypass grafting in patients with COPD, 878

diminished short-term heart rate variability predicts inducible ventricular tachycardia, 312

implications for macrolide treatment in community-acquired pneumonia, 1201

influence of mini-BAL cultures on patient outcomes: implications for the antibiotic management of ventilator-associated pneumonia, 412

influence of perioperative myocardial infarction on long-term prognosis following elective vascular surgery, 681

massive pulmonary edema and death after prostacyclin infusion in a patient with pulmonary veno-occlusive disease, 237

natural history and rate of progression of aortic stenosis, 1109 patient-induced complications of a Heimlich flutter valve, 838

phrenic nerve dysfunction following coronary artery bypass graft-ing: an aggravation or a real problem? 2 pneumococcal bacteremia in childhood: a 6-year experience in a

community hospital, 1207

prediction of, in febrile medical patients: how useful are systemic inflammatory response syndrome and sepsis criteria? 1533 predictive value of PCO2 gap in infants, 561

preoperative smoking habits and postoperative pulmonary complications, 883

review of why and how we may use beta-blockers in congestive heart failure, 800

risk of death in cystic fibrosis patients with severely compromised lung function, 1230

serum cardiac troponin T as a prognostic marker in early sepsis, 1055

Streptococcus pneumoniae bacteremia in a community hospital, 387

use of adjunctive corticosteroids in severe adult non-HIV Pneumocystis carinii pneumonia, 1215

use of guidelines in treating community-acquired pneumonia, 1689 use of noninvasive positive pressure ventilation in the emergency department: results of a randomized clinical trial, 1339

venous and arterial gas embolism associated with positive pressure ventilation, 1132

ventricular arrhythmias in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

women, smoking, and lung cancer, 1

Mountain climbing: See Altitude

Mouth, effect of high-frequency oral airway and chest wall oscillation on expectoration in patients with stable cystic fibrosis, 1019

efficacy of oral appliances in the treatment of persistent sleep apnea after uvulopalatopharyngoplasty, 992

MUC1 messenger RNA: See RNA

Mucin-producing cell tumors, 997

Mucocele, congenital bronchial atresia with, branching parenchymal mass. 523

Mucus, 1019, 1028

Multiple organ systems

ARDS and adrenal insufficiency associated with the antiphospholipid antibody syndrome, 1136

failure, assault on the Swan-Ganz catheter, 1379

failure of splanchnic resuscitation in the acutely injured trauma patient correlates with length of stay and, in the ICU, 1064

failure, pediatric sepsis-induced, compensatory anti-inflammatory cytokine interleukin-10 response in, 1625

serum cardiac troponin T as a prognostic marker in early sepsis, 1055

Myalgia, Streptococcus pneumoniae bacteremia in a community hospital, 387

Mycobacterial infections, pulmonary complications of HIV infection: autopsy findings, 1225

Mycobacterium avium complex, serum concentrations of the antimycobacterial drugs, 1154

disease, pulmonary, without dissemination in HIV-infected patients, 542

Mycobacterium tuberculosis: See Tuberculosis

Mycoplasma pneumoniae, implications for macrolide treatment in community-acquired pneumonia, 1201

new macrolides or new quinolones as monotherapy for patients with community-acquired pneumonia: our cup runneth over?

Myocardial infarction, acute, comparative knowledge and practice regarding drug therapy for, 297

more information on infection and, 558

normal left ventricular ejection fraction in older persons with congestive heart failure, 867

perioperative, influence of, on long-term prognosis following elective vascular surgery, 681

randomized comparison of exercise training in patients with normal vs reduced ventricular function, 1387

unexpected cardiac arrest after cardiac surgery, and open chest cardiopulmonary resuscitation, 15

Myocardial injury, mechanisms of acute epicardial and, in pericardial disease, 855

Myocardial ischemia, coronary artery spasm complicating anaphylaxis secondary to skin disinfectant, 1417

heart disease with congestive heart failure: problems in clinical management, 1119

is dobutamine-induced sinus node deceleration a marker of significant stenosis of the right coronary artery? 306

serum cardiac troponin T as a prognostic marker in early sepsis,

Myocardial sarcoidosis, acute dyspnea and hypoxia in a 37-year-old woman with sarcoidosis, 830

Myocarditis, acute effect of minocycline on the pericardium: experimental and clinical findings, 861

Myocardium, self-inflicted intramyocardial injury with a sewing needle: a rare cause of pneumothorax, 531

N-acetyl-L-cysteine, does (it) influence cytokine response during early human septic shock? 1616

NG-nitro-L-arginine methyl ester (L-NAME), 1640

Nails, intramedullary: See Orthopedics

Nasal continuous positive airway pressure: See Positive airway pres-

National High Blood Pressure Education Program, 263

Nd:YAG: See Lasers

Nebulizers: See also Aerosols; delivery of inhaled nitric oxide using the Ohmeda INOvent delivery system, 1650

impact of clinical pathways and practice guidelines on the management of acute exacerbations of bronchial asthma, 28

lung deposition of fenoterol and flunisolide delivered using a novel device for inhaled medicines: comparison of RESPIMAT with conventional metered-dose inhalers with and without spacer devices, 957

measuring output, 853

metered-dose inhaler to deliver methacholine in bronchial provocation testing: a pilot study, 1684

oral glucocorticosteroid-sparing effect of budesonide administered by Turbuhaler: a double-blind, placebo-controlled study in adults with moderate-to-severe chronic asthma, 1264

Proventil and Ventolin have similar safety profiles during regular use, 290

Proventil HFA provides bronchodilation comparable to Ventolin over 12 weeks of regular use in asthmatics, 283

salbutamol delivery from a hydrofluoroalkane pressurized me-tered-dose inhaler in pediatric ventilator circuits, 186

vented vs unvented, comparison of the availability of tobramycin for inhalation from, 951

Needle, sewing, self-inflicted intramyocardial injury with: a rare cause of pneumothorax, 531

Needle biopsy: See Biopsy

Neodymium:yttrium-aluminum-garnet (Nd:YAG): See Lasers

Neoplasm metastasis: See Metastatic neoplasms

Neoplasm staging, reflections on the revisions in the International System for Staging Lung Cancer, 1728, 1729

Neoplasms: See also Carcinoma; Pulmonary neoplasms; opinions regarding the diagnosis and management of venous thromboembolic disease, 499

Nervous system: See Central nervous system; Neuromuscular disease Netherlands, lung transplantation in, 124, 358

Neuromuscular disease, COPD and other diseases in chronically ventilated patients in a prolonged respiratory care unit, 86

Neutrophils, elevated pleural fluid levels of defensins in patients with

empyema, 788 mixed (neutrophil-rich) interstitial pneumonitis in biopsy specimens of lung allografts: a clinicopathologic evaluation, 117

systemic inflammation present in patients undergoing CABG without extracorporeal circulation, 1290

New Jersey, tuberculosis (drug) prescribing practices in, 1446

NG-nitro-L-arginine methyl ester (L-NAME), 1640

Nicotine, preoperative smoking reduction: all or nothing at all? 856 Nighttime cough: See Cough

Nitric oxide, decreased basal production of, in patients with heart disease, 317

delivery of inhaled, using the Ohmeda INOvent delivery system, 1650

inhaled, combination of partial liquid ventilation and, in the severe oleic acid lung injury model, 1658

synthase, expression of inducible, and inflammatory cytokines in alveolar macrophages of ARDS following sepsis, 1632

synthesis, effect of L-NAME, an inhibitor of, on cardiopulmonary function in human septic shock, 1640

therapeutic potential of, in lung transplantation, 1360

NG-nitro-L-arginine methyl ester (L-NAME), effect of, an inhibitor of nitric oxide synthesis on cardiopulmonary function in human septic shock, 1640

Nitrogen dioxide, delivery of inhaled nitric oxide using the Ohmeda INOvent delivery system, 1650

Nitromethane, false elevation of serum creatinine following skin absorption of, 1419

Nocturnal cough: See Cough

Nodules, pulmonary: See Pulmonary nodules

Nomenclature, deciphering histoplasmosis, systemic noncaseating granuloma, and sarcoidosis in the literature, 1143 uncertain value of the definition for SIRS, 1442

Nosocomial infections: See Cross-infection; Pneumonia, nosocomial;

Pneumonia, ventilator-associated Nursing, staff in intensive care in Europe: the mismatch between

planning and practice, 752 staffing ICUs: the good news and the not-so-good news, 569 Nutrition, the obese patient in the ICU, 492

Obesity, in the ICU, 492

Obstructive sleep apnea: See Sleep apnea syndromes, obstructive Occupational and environmental lung disease, effect of glucocorticoids on grain dust-induced airway disease, 505

Occupational exposure, nosocomial tuberculosis control program, 1184

irritant-induced asthma, 42

progression of asbestosis predicts lung cancer, 1517

radiographic classification of pneumoconioses reassessed for asbestosis, 1439

silicosis in gold miners, 340

Ocular hypertelorism, LEOPARD syndrome, 1415 Ohmeda INOvent: See Nebulizers

Oleic acid, lung injury, 459, 1658 Online journals: See Journals

Opinions/hypotheses, assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

controversies surrounding long-term anticoagulation of very el-derly patients in atrial fibrillation, 1115

ventricular filling pressures during exercise: a cardiological blind spot? 1695

new department in CHEST, 855

opinions regarding the diagnosis and management of venous thromboembolic disease, 499

Opportunistic infections: See Infection

Oral appliances: See Dental appliances; Mouth

Orbital herniation: See Eye

Organ donors: See Lung transplantation

Organ dysfunction/failure, multiple: See Multiple organ systems

Oropharynx: See Mouth; Pharynx

Orthopedics, evaluation of potential fat emboli during placement of intramedullary nails after fractures, 178 Oscillation, flow rate during high-frequency chest compression, 1028

forced, pediatric reference values for respiratory resistance measured by, 1322 forced, respiratory resistance in the emergency department: a

reproducible and responsive measure of asthma severity, 1566 forced, technique, no paradoxical bronchodilator response with, in children with cystic fibrosis, 55

high-frequency oral airway and chest wall, 1019

Otitis media, pneumococcal bacteremia in childhood: a 6-year experience in a community hospital, 1207 Outbreaks, disease: See Public health

Outcomes: See also Mortality; Survival; community respiratory viral infection in adult lung transplant recipients, 944

comparison of short-term functional, following unilateral and bilateral lung volume reduction surgery, 890

coronary artery bypass grafting in patients with COPD, 878 ICU, for patients with HIV infection: a moving target, 269

influence of mini-BAL cultures on: implications for the antibiotic management of ventilator-associated pneumonia, 412 lung cancer screening does not favorably affect, 557

1-year community-based health economic study of ciprofloxacin vs usual antibiotic treatment in acute exacerbations of chronic bronchitis, 131

rate of FEV1 change following lung volume reduction surgery, 652 therapeutic response patterns to high and cumulative doses of salbutamol in acute severe asthma, 593

thoracic empyema in HIV-infected patients, 732

time to detection of Mycobacterium tuberculosis in sputum culture correlates with, in patients receiving treatment for pulmonary tuberculosis, 379

upper airway changes in snorers and mild sleep apnea sufferers after uvulopalatopharyngoplasty (UPPP), 1595

use of noninvasive positive pressure ventilation in the emergency department, 1339

value of Nd:YAG laser for the surgery of lung metastases in a randomized trial, 1402

ventricular arrhythmias in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

Outpatient care: See Ambulatory care

Oxidation, metallothionein expression in human lung and its varying levels after lung transplantation, 371

Oximeter, pulse, use of, in an adult emergency department: impact on the number of arterial blood gas analyses ordered, 1042

Oximetry, nocturnal, cost-effectiveness analysis of, as a method of

screening for sleep apnea-hypopnea syndrome, 97 Oxygen, catheter, implantable intratracheal, rapidly progressive ex-tensive subcutaneous emphysema associated with, 834 patterns of dissimilarities among instrument models in measuring

Po2, Pco2, and pH in blood gas laboratories, 780

saturation, effect of high-frequency oral airway and chest wall oscillation and conventional chest physical therapy on expectoration in patients with stable cystic fibrosis, 1019

saturation, hour-to-hour variability of, in sleep apnea, 719 supplementation, acute, does not relieve the impairment of respiratory muscle strength in hypoxemic COPD, 334

transcutaneous PCO2 to monitor noninvasive mechanical ventilation in adults: assessment of a new transcutaneous PCO. device, 768

Oxygen consumption, and delivery relationships, assessment of three methods to reduce the influence of mathematical coupling on,

peak, effects of sampling interval on, in patients evaluated for heart transplantation, 816

randomized comparison of exercise training in patients with normal vs reduced ventricular function, 1387

Oxygen therapy, long-term, effects of, on pulmonary hemodynamics in COPD patients: a 6-year prospective study, 65

long-term, relative survival analysis of 252 patients with COPD receiving, 1580

rehabilitation of hypoxemic patients with COPD at low altitude at the Dead Sea, the lowest place on earth, 571

what happens in the Dead Sea? 566

Oxygen transport, does N-acetyl-L-cysteine influence cytokine response during early human septic shock? 1616

Oxygen uptake, breathing reserve at the lactate threshold to differentiate a pulmonary mechanical from cardiovascular limit to exercise, 913

comparison of pulmonary gas exchange measurements between incremental and constant work exercise above the anaerobic

effects of body composition changes to observed improvements in cardiopulmonary parameters after exercise training with cardiac rehabilitation, 599

Oxygenation, pulmonary epithelial permeability and gas exchange: a comparison of inverse ratio ventilation and conventional mechanical ventilation in oleic acid-induced lung injury in rabbits, 459

Pain: See also Chest pain; chronic pancreatitis, thoracoscopic splanchnicolysis for the relief of: experience of a group of pneumologists, 528

is less better? 270 Palate, radiofrequency ablation for sleep-disordered breathing, 1151 radiofrequency volumetric tissue reduction of, in subjects with sleep-disordered breathing, 1163

soft, upper airway changes in snorers and mild sleep apnea sufferers after uvulopalatopharyngoplasty (UPPP), 1595 Panbronchiolitis, man with dyspnea, productive cough, and chest radiograph showing hyperinflation and a diffuse nodular pattern, 1123

Pancreatitis, chronic pain, thoracoscopic splanchnicolysis for the relief of: experience of a group of pneumologists, 528

Papilledema, hilar mass and, on presentation, 227

Parainfluenza, community respiratory viral infection in adult lung transplant recipients, 944

it's not "just a virus" anymore, 859

Parenchyma, branching mass, 523

utility of CT scan evaluation for predicting pulmonary hypertension in patients with parenchymal lung disease, 1250

Patent foramen ovale: See Foramen ovale, patent

Pathways, clinical: See Guidelines

Patient-centered ventilation, 844

Patient compliance, controversies surrounding long-term anticoagulation of very elderly patients in atrial fibrillation, 1115

effect of high-frequency oral airway and chest wall oscillation and conventional chest physical therapy on expectoration in pa-tients with stable cystic fibrosis, 1019

serum antimycobacterial drug levels in non-HIV-infected tuberculosis patients, 1178

with peak expiratory flow monitoring in home management of asthma, 968

Patient education, elevation of peak expiratory flow by a "spitting" maneuver measured with five peak flowmeters, 1134

perception of the role and potential side effects of inhaled corticosteroids among asthmatic patients, 587

Patients: See also Activities of daily living; Quality of life; characteristics, atrial fibrillation after bypass surgery, 1489

ethics of bilevel positive airway pressure, 258 induced complications of a Heimlich flutter valve, 838

lifestyle, new guidelines for hypertension, 263

sedation protocol to prevent self-extubation, 1429, 1430

selection, cystic fibrosis: when to consider lung transplantation? 1159

selection for pulmonary artery catheterization, 853

validation of a new dyspnea measure: the UCSD Shortness of Breath Questionnaire, 619

ventilatory impairment in asthma: perceptions vs measurements, 265

Payment: See Costs; Reimbursement

Peak exercise ventilation/maximal voluntary ventilation ratio (breathing reserve): See Respiration

Peak expiratory flow, diagnostics of spontaneous cough in childhood asthma: results of continuous tracheal sound recording in the homes of children, 50

effect of physiologic and mechanical aging on the performance of peak flowmeters, 774

elevation of, by a "spitting" maneuver measured with five peak flowmeters, 1134

monitoring, compliance with, in home management of asthma, 968 nocturnal, relationship between airway obstruction and respiratory symptoms in adult asthmatics, 272

rate, therapeutic response patterns to high and cumulative doses of salbutamol in acute severe asthma, 593

ventilatory impairment in asthma: perceptions vs measurements,

Peak flowmeters, compliance with peak expiratory flow monitoring in home management of asthma, 968

effect of physiologic and mechanical aging on the performance of,

Pediatrics: See Children

PEEP: See Positive end-expiratory pressure

Penicillin resistance, prescription of macrolides in community-acquired pneumonia: science or art? 1155

Peptides, human neutrophil, elevated pleural fluid levels of defensins in patients with empyema, 788

Perfluorocarbons, combination of partial liquid ventilation and in-haled nitric oxide in the severe oleic acid lung injury model, 1658 Perfusion, abnormalities, 665

failure of splanchnic resuscitation in the acutely injured trauma patient, 1064

optimizing standard cardiopulmonary resuscitation with an inspira-tory impedance threshold valve, 1084

Pericardium, acute effect of minocycline on the: experimental and clinical findings, 861

mechanisms of acute epicardial and myocardial injury in, 855 pathophysiology of cardiac tamponade, 1372

Persian Gulf War: See War

Personnel services: See College

pH, acute effect of minocycline on the pericardium, 861

false-positive results of carcinoembryonic antigen in pleural effusions, 1143, 1144

low pleural, thoracoscopic tale poudrage in malignant pleural effusions, 1007

patterns of dissimilarities among instrument models in measuring Po₂, Pco₂, and, 780

pleural fluid, determination, 1426

pleural fluid samples, avoiding air samples in, 1729, 1730 Pharmacology, long-acting inhaled beta₂-agonists in asthma therapy, 1095

Pharynx, CT in the evaluation of the upper airway in healthy subjects and in patients with obstructive sleep apnea syndrome, 111 uvulopalatopharyngoplasty, 992, 1151, 1595

Photoplethysmography, comparison between systolic aortic root pressure and finger blood pressure, 1466

Phrenic nerve, dysfunction after cardiac operations: electrophysiologic evaluation of risk factors, 8

dysfunction following coronary artery bypass grafting: an aggravation or a real problem? 2

Physical fitness: See Exercise

Physical therapy, conventional chest, in patients with stable cystic

Physicians, emergency, comparative knowledge and practice regarding drug therapy for acute myocardial infarction, 297 ethics SOAP note, 558

my brother, Ed, 1151

Physicians' practice patterns, initial drug regimens for the treatment of tuberculosis: evaluation of physician prescribing in New Jersey, 1994-1995, 1446

suspected respiratory tract infection in the tracheostomized child: the pediatric pulmonologist's approach, 1549

use of guidelines in treating community-acquired pneumonia, 1689

Physio annuloplasty ring: See Heart valves Physiology, effect of physiologic and mechanical aging on the perfor-mance of peak flowmeters, 774

Pig bronchus: See Tracheal bronchus

Pigs: See Swine

Planning, nursing staff in intensive care in Europe: the mismatch between practice and, 752

Plants, dose-response relationship and irreversible obstructive ventilatory defect in patients with consumption of Sauropus androgynus, 71

Plaque: See Aortic plaque Plaques, pulmonary, asbestos-related, absence of left-sided predominance in: a CT study, 1034

Plasma: See Blood

Plasma disappearance rate, reproducibility of double indicator dilution measurements of intrathoracic blood volume compartments, extravascular lung water, and liver function, 1070

Plasminogen activator, relationship of alveolar macrophage elastase activities and, to lung function and CT evidence of emphysema, 1257

Platelets, activation of, in bronchial asthma, 452

elevated right hemidiaphragm and abdominal pain in a 36-year-old postpartum woman, 1715

Plethysmography, respiratory inductive, evaluation of, in controlled ventilation: measurement of tidal volume and PEEP-induced changes of end-expiratory lung volume, 443

Pleura, importance of intrapulmonary lymph nodes in the differential diagnosis of small pulmonary nodular shadows, 703

role of radiologic imaging in diagnosing complications of videoassisted thoracoscopic surgery, 820

Pleural effusions: See also Pleurodesis; elevated pleural fluid levels of defensins in patients with empyema, 788

false-positive results of carcinoembryonic antigen in, 1143, 1144 malignant, cytologically proved: distribution of transudates and exudates, 1302

malignant, intracavitary bleomycin vs interferon in the management of, 1145, 1146

malignant, sclerotherapy for: bleomycin vs doxycycline with smallbore catheter drainage, 1305

malignant, thoracoscopic talc poudrage in: effective pleurodesis despite low pleural pH, 1007 malignant, video-assisted talc pleurodesis for, utilizing local anes-

thesia and IV sedation, 739

purulent, pleural fluid pH determination, 1426

rapid diagnosis of tuberculosis in various biopsy and body fluid specimens by the AMPLICOR Mycobacterium tuberculosis polymerase chain reaction test, 1190

respiratory complications after coronary artery bypass surgery with unilateral or bilateral internal mammary artery grafting, 1285 usefulness of carcinoembryonic antigen in pleural effusion diagnosis, 1425, 1426

Pleural fluid, elevated levels of defensins in patients with empyema,

pH determination, 1426

pH samples, avoiding air samples in, 1729, 1730

Pleurodesis, comparisons of, induced by talc with or without thymol iodide in rabbits, 795

cost-effective, 1731, 1732

effective, despite low pleural pH, thoracoscopic talc poudrage in malignant pleural effusions, 1007 video-assisted talc, for malignant pleural effusions utilizing local

anesthesia and IV sedation, 739

Pneumatic compression: See Compression

Pneumococcal infections: See Pneumonia, pneumococcal; Streptococcus pneumoniae

Pneumoconiosis, Sherlock Holmes, Albrecht Dürer, and Socrates: the International Labour Office radiographic classification of, reassessed for asbestosis, 1439

Pneumocystis carinii pneumonia: See Pneumonia, Pneumocystis ca-

Pneumonectomy, physiology of lung resection: no rules, just..Rx, 1438

recovery and limitation of exercise capacity after lung resection for lung cancer, 1511

Pneumonia, aspiration, ACE inhibitor and swallowing reflex, 1425 bacterial, pulmonary complications of HIV infection: autopsy findings, 1225

clinical benefit of in-hospital observation in 'low-risk' patients after conversion from parenteral to oral antimicrobial therapy, 142

community-acquired, comparative study of the clinical presentation of Legionella pneumonia and other, 1195

community-acquired, implications for macrolide treatment in,

community-acquired, new macrolides or new quinolones as mono-therapy for patients with: our cup runneth over? 1158

community-acquired, prescription of macrolides in: science or art?

community-acquired, thoracic empyema in HIV-infected patients: microbiology, management, and outcome, 732

community-acquired, use of guidelines in treating, 1689

cryptococcal, patient with newly diagnosed melanoma and pulmonary nodules, 826

cytomegalovirus, in AIDS patients: value of cytomegalovirus culture from BAL fluid and correlation with lung disease, 919

disease management of pulmonary infections, Mar. supp. pp.165S-

nosocomial, influence of mini-BAL cultures on patient outcomes: implications for the antibiotic management of ventilatorassociated pneumonia, 412

pneumococcal bacteremia in childhood: a 6-year experience in a community hospital, 1207

pneumococcal, penicillin-resistant, prescription of macrolides in community-acquired pneumonia: science or art? 1155

Pneumocystis carinii, CD4 lymphocyte counts and mortality in AIDS patients requiring mechanical ventilator support due to,

Pneumocystis carinii, comparison of induced and expectorated sputum for the diagnosis of, 1555

Pneumocystis carinii, diagnostic strategy for: is doing less better than doing more? 1443

Pneumocystis carinii, ICU outcomes for patients with HIV infection: a moving target, 269

Pneumocystis carinii, pulmonary complications of HIV infection: autopsy findings, 1225

Pneumocystis carinii, severe adult non-HIV, use of adjunctive corticosteroids in, 1215

Streptococcus pneumoniae bacteremia in a community hospital,

varicella, usual interstitial pneumonitis responsive to corticosteroids following, 249

ventilator-associated, extending ventilator circuit change interval beyond 2 days reduces the likelihood of, 405

ventilator-associated, influence of mini-BAL cultures on patient outcomes: implications for the antibiotic management of, 412

ventilator-associated, prolonged use of ventilator circuits and: a model for identifying the optimal clinical practice, 267 ventilator-associated, randomized clinical trial comparing an ex-

tended-use hygroscopic condenser humidifier with heatedwater humidification in mechanically ventilated patients, 759 Pneumonitis, a case of systemic lupus erythematosus or hepatitis C

virus? 1146

interstitial, mixed (neutrophil-rich), in biopsy specimens of lung allografts: a clinicopathologic evaluation, 11

usual interstitial, responsive to corticosteroids following varicella pneumonia, 249

Pneumopathy, acute, in a nonsurgical transsexual, 1127

Pneumothorax, patient-induced complications of a Heimlich flutter valve, 838

self-inflicted intramyocardial injury with a sewing needle: a rare cause of, 531

spontaneous, treatment of: the clinician's perspective on pneumothorax management, 1423, 1424 Politics, ACCP and the tobacco issues, 1682

immunity is forever, 1680

Polymerase chain reaction, AMPLICOR Mycobacterium tuberculosis test, rapid diagnosis of tuberculosis in various biopsy and body fluid specimens by, 1190

identification of benign pulmonary nodules by needle biopsy, 3 nested, for detection of Mycobacterium tuberculosis in solitary pulmonary nodules, 20

reverse transcriptase-, detection of occult micrometastases in non-small cell lung carcinoma by, 1526

Polypropylene mesh (Marlex), 1667

Polysomnography, cost-effectiveness analysis of nocturnal oximetry as a method of screening for sleep apnea-hypopnea syndrome, 97 effects of cardiac dysfunction on non-hypercapnic central sleep apnea, 104

hour-to-hour variability of oxygen saturation in sleep apnea, 719 relation between Multiple Sleep Latency Test findings and the frequency of apneic events in REM and non-REM sleep, 980 sleep apnea blown away by CPAP, 258

Polytetrafluoroethylene patch, respiratory mechanics after prosthetic reconstruction of the chest wall in normal rats, 1667

Porphyria cutanea tarda, a case of systemic lupus erythematosus or hepatitis C virus? 1146

Positive airway pressure, bilevel, ethics of bilevel positive airway pressure, 258

continuous, nasal, changes in urinary uric acid excretion in obstruc-

tive sleep apnea before and after therapy with, 1604 continuous nasal, use of conventional and self-adjusting, for treatment of severe obstructive sleep apnea syndrome: a comparative study, 714

Positive end-expiratory pressure, effects of, on oscillated flow rate during high-frequency chest compression, 1028

continuous, sleep apnea blown away by, 258

induced changes of end-expiratory lung volume, evaluation of respiratory inductive plethysmography in controlled ventila-tion: measurement of tidal volume and, 443

intrinsic, effects of tracheal suctioning on respiratory resistance in mechanically ventilated patients, 1335 pulmonary epithelial permeability and gas exchange: a comparison

of inverse ratio ventilation and conventional mechanical ventilation in oleic acid-induced lung injury in rabbits, 459

Positive pressure ventilation, nasal, acute effects of, in patients with advanced cystic fibrosis, 1013

noninvasive, orbital herniation associated with, 841

noninvasive, transcutaneous PCO2 to monitor noninvasive mechanical ventilation in adults: assessment of a new transcutaneous Pco₂ device, 768

noninvasive, use of, in the emergency department: results of a randomized clinical trial, 1339

venous and arterial gas embolism associated with, 1132

Postoperative complications: See also Graft rejection;

airway obstruction with percutaneous tracheostomy, 849

allograft colonization and infections with Pseudomonas in cystic fibrosis lung transplant recipients, 1235

atrial fibrillation after bypass surgery, 1489 bronchiolitis obliterans after lung transplantation: detection using expiratory HRCT, 365

clinical evaluation of the Physio annuloplasty ring, 1296 cytomegalovirus viremia in lung transplant recipients receiving ganciclovir and immune globulin, 924 double jeopardy: lung cancer following cardiac transplantation, 1720

early extubation following coronary artery bypass surgery: a pro-spective randomized controlled trial, 1481

early release of proinflammatory cytokines after lung transplantation, 645

influence of perioperative myocardial infarction on long-term prognosis following elective vascular surgery, 681

it's not "just a virus" anymore, 859

lung transplantation for Williams-Campbell syndrome, 534

metallothionein expression in human lung and its varying levels after lung transplantation, 371

open-chest resuscitation and postcardiac surgery arrest, 3 phrenic nerve dysfunction following coronary artery bypass graft-ing: an aggravation or a real problem? 2

phrenic nerve dysfunction after cardiac operations: electrophysiologic evaluation of risk factors, 8

preoperative smoking reduction: all or nothing at all? 856

prolonged air leak following radical upper lobectomy: an analysis of incidence and possible risk factors, 1507 prophylaxis for deep venous thrombosis: the ACCP antithrombotic

statement, revisited, 844

pulmonary, preoperative smoking habits and, 883 recovery and limitation of exercise capacity after lung resection for lung cancer, 1511

respiratory complications after coronary artery bypass surgery with unilateral or bilateral internal mammary artery grafting, 1285 role of radiologic imaging in diagnosing, of video-assisted thoracoscopic surgery, 820

systemic inflammation present in patients undergoing CABG without extracorporeal circulation, 1290

trepopnea following lung resection due to interatrial shunt, 1726 unexpected cardiac arrest after cardiac surgery: incidence, predisposing causes, and outcome of open chest cardiopulmonary resuscitation, 15

value of routine posttracheostomy chest radiography, 1647 Potassium, new guidelines for hypertension: Joint National Commit-

tee VI, 263

Practice guidelines: See Guidelines Preconditioning, ischemic: See Ischemia

Prednisolone, concomitant administration of low-dose, 34

Prednisone, successful treatment of Wegener's granulomatosis during pregnancy: a case report and review of the literature, 836 use of adjunctive corticosteroids in severe adult non-HIV Pneumo-

cystis carinii pneumonia, 1215 Pregnancy, elevated right hemidiaphragm and abdominal pain in a 36-year-old postpartum woman, 1715

successful treatment of Wegener's granulomatosis during: a case report and review of the literature, 836

Preload, right ventricular end-diastolic volume as a predictor of the hemodynamic response to a fluid challenge, 1048

Preoperative bronchoscopic assessment: See Bronchoscopy Preoperative smoking habits and postoperative pulmonary complica-

tions, 883

Preoperative smoking reduction: all or nothing at all? 856 Prescribing: See Drug prescribing

Primary care, drug therapy for acute myocardial infarction, 297 Product liability: See Liability

Profibrotic activity, early repair activity or, in the lung during cardiopulmonary bypass: who is the culprit? 1731

Progesterone, beta₂-adrenoceptor regulation and function, 278 Prognosis: See also Outcomes; Survival; analysis of cell type and

radiographic presentation as predictors of the clinical course of patients with bronchioloalveolar cell carcinoma, 997

COPD and other diseases in chronically ventilated patients in a prolonged respiratory care unit: a retrospective 20-year survival study, 86

cystic fibrosis: when to consider lung transplantation? 1159

exercise testing in patients with interstitial lung disease, 1148, 1149 long-term, influence of perioperative myocardial infarction on, following elective vascular surgery, 681 physiology of lung resection: no rules, just..Rx, 1438

predictors of quality of life and adjustment after lung transplantation, 633

progression of asbestosis predicts lung cancer, 1517

role of dobutamine stress echocardiography in heart transplant patients, 809

serum cardiac troponin T as a marker in early sepsis, 1055 Proinflammatory cytokines: See Cytokines

Propellants: See Hydrofluoroalkane

Propofol, video-assisted talc pleurodesis for malignant pleural effu-sions utilizing local anesthesia and IV sedation, 739

Prostacyclin, infusion, massive pulmonary edema and death after, in a patient with pulmonary veno-occlusive disease, 237

Prostate, eosinophilic lung disease induced by bicalutamide: a case

report and review of the literature, 548

Prostheses, clinical evaluation of the Physio annuloplasty ring, 1296 respiratory mechanics after reconstruction of the chest wall in normal rats, 1667

Proteinosis, pulmonary alveolar, 563, 1718

Proventil: See Albuterol

Pseudocardiomegaly, unusual case of, 1711

Pseudomesotheliomatous adenocarcinoma of the lung in a patient with HIV infection, 839

eudomonas, allograft colonization and infections with, in cystic fibrosis lung transplant recipients, 1235

infective exacerbations of chronic bronchitis: relation between bacteriologic etiology and lung function, 1542

Pseudomonas aeruginosa, impact of tracheotomy on colonization and infection of lower airways in children requiring long-term ventilation, 77

lung transplantation in cystic fibrosis: consensus conference statement, 217

Psychiatry, self-inflicted intramyocardial injury with a sewing needle:

a rare cause of pneumothorax, 531
Psychology, health-related quality of life: what is being measured? 1147

predictors of quality of life and adjustment after lung transplantation, 633

Public health: See also Tuberculosis; ACCP and the tobacco issues, 1682

immunity is forever, 1680

Mycobacterium tuberculosis miniepidemic in a church gospel choir, 234

respiratory changes due to long-term exposure to urban levels of air pollution: a histopathologic study in humans, 1312

scandalous incompetence...continued, 1153

United States and worldwide tuberculosis control, 1434 urban air pollution: why is it a health problem? 1161

Publishing, online journals: moving in the right direction, 1423

Pulmonary capillary wedge pressure: See Capillaries

Pulmonary alveolar proteinosis: See Proteinosis

Pulmonary and critical care pearls, acute dyspnea and hypoxia in a 37-year-old woman with sarcoidosis, 830

elevated right hemidiaphragm and abdominal pain in a 36-year-old postpartum woman, 1715

hypoxic respiratory failure in a 30-year-old spelunker, 1125

middle-aged woman with chronic productive cough diagnosed using sputum wet mount examination, 1411

pulmonary opacities and glomerulonephritis in a 15-year-old boy,

a 39-year-old smoker with effort dyspnea, normal spirometry results, and low diffusing capacity, 231

Pulmonary angiography: See Angiography

Pulmonary artery: See also Hypertension, pulmonary; aneurysm, hilar mass and papilledema on presentation, 227 aneurysm, massive hemoptysis from, associated with an emphyse-

matous bulla, 1130

catheter, assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

catheter, assessment of three methods to reduce the influence of mathematical coupling on oxygen consumption and delivery relationships, 1347

catheterization, patient selection for, 853

diameter, utility of CT scan evaluation for predicting pulmonary hypertension in patients with parenchymal lung disease, 1250 effects of long-term oxygen therapy on pulmonary hemodynamics

in COPD patients: a 6-year prospective study, 65 evaluation of right ventricular systolic pressure during incremental exercise by Doppler echocardiography in adults with atrial septal defect, 1459

hypertension: dipping into the reserve, 1436

lung scan appearances of tumor embolization, 562, 563 occlusion pressure, right ventricular end-diastolic volume as a predictor of the hemodynamic response to a fluid challenge, 1048

primary leiomyosarcoma of, confirmed by catheter suction biopsy, 555

reproducibility of double indicator dilution measurements of intrathoracic blood volume compartments, extravascular lung water, and liver function, 1070

Pulmonary artery catheters: See Catheters

Pulmonary barotrauma: See Barotrauma

Pulmonary capillaries: See Capillaries; Capillaritis

Pulmonary circulation: See Pulmonary vascular system

Pulmonary complications: See also Drug reactions; after coronary artery bypass surgery with unilateral or bilateral internal mammary artery grafting, 1285

allograft colonization and infections with Pseudomonas in cystic

fibrosis lung transplant recipients, 1235 community respiratory viral infection in adult lung transplant recipients, 944

HIV infection: autopsy findings, 1225

isolated pulmonary capillaritis and diffuse alveolar hemorrhage in rheumatoid arthritis and mixed connective tissue disease,

it's not "just a virus" anymore, 859 the obese patient in the ICU, 492 patient-induced, of a Heimlich flutter valve, 838

postoperative, preoperative smoking habits and, 883

preoperative smoking reduction: all or nothing at all? 856 pulmonary tuberculosis treated with directly observed therapy:

serial changes in lung structure and function, 933 radiographic assessment of hyperinflation: correlation with objective chest radiographic measurements and mechanical venti-

lator parameters, 1698 Pulmonary diffusing capacity, low, a 39-year-old smoker with effort

dyspnea, normal spirometry results, and, 231 Pulmonary disease, end-stage, right and left ventricular dysfunction

in patients with severe pulmonary disease, 576
Pulmonary diseases, dose-response relationship and irreversible obstructive ventilatory defect in patients with consumption of Sauropus androgynus, 71

heart or lung disease: determining the primary cause for dyspnea on exertion, 1705

interstitial, diagnostic and management strategies for diffuse, 192 interstitial, exercise testing in patients with, 1148, 1149 interstitial, utility of CT scan evaluation for predicting pulmonary

hypertension in patients with parenchymal lung disease, 1250 restrictive, evaluation of dyspnea during physical and speech activities in patients with pulmonary diseases, 625

Pulmonary diseases, chronic obstructive, can quantitative capnometry differentiate between cardiac and obstructive causes of respiratory distress? 323

coronary artery bypass grafting in patients with, 878

dyspnea ratings for prescription of cross-modal exercise in patients

effect of cold air on exercise capacity in: increase or decrease? 1560 effect of regular use of high-dose nebulized beta₂ agonists in patients with chronic airflow limitation, 1588

effects of positive end-expiratory pressure on oscillated flow rate during high-frequency chest compression, 1028

evaluation of dyspnea during physical and speech activities in patients with pulmonary diseases, 625

evaluation of respiratory inductive plethysmography in controlled ventilation: measurement of tidal volume and PEEP-induced changes of end-expiratory lung volume, 443

health-related quality of life: what is being measured? 1147

heart rate variability reflects severity of, in PiZ α1-antitrypsin deficiency, 327

hypoxemic, acute oxygen supplementation does not relieve the impairment of respiratory muscle strength in, 334 impaired skeletal muscle endurance related to physical inactivity

and altered lung function in COPD patients, 900

infective exacerbations of chronic bronchitis: relation between bacteriologic etiology and lung function, 1542

mechanisms and management of, Apr. supp., pp. 233S-287S multifocal atrial tachycardia, 203

other diseases and, in chronically ventilated patients in a prolonged respiratory care unit: a retrospective 20-year survival study, 86 pathologic findings in lung volume reduction surgery, 660

patients, effects of long-term oxygen therapy on pulmonary hemo-

dynamics in: a 6-year prospective study, 65
prolonged air leak following radical upper lobectomy: an analysis of
incidence and possible risk factors, 1507

rehabilitation of hypoxemic patients with COPD at low altitude at the Dead Sea, the lowest place on earth, 571

relative survival analysis of 252 patients with, receiving long-term oxygen therapy, 1580

right and left ventricular dysfunction in patients with severe pulmonary disease, 576

right ventricular function in COPD: can it be assessed reliably by the measurement of right ventricular ejection fraction? 567 serial lung function and elastic recoil two years after lung volume

reduction surgery for emphysema, 1497 validation of a new dyspnea measure: the UCSD Shortness of Breath Questionnaire, 619

what happens in the Dead Sea? 566

Pulmonary edema, adrenomedullin: a player at high altitude? 1428 assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

can quantitative capnometry differentiate between cardiac and obstructive causes of respiratory distress? 323

ventricular filling pressures during exercise: a cardiological blind spot? 1695

massive, and death after prostacyclin infusion in a patient with pulmonary veno-occlusive disease, 237

Pulmonary embolism, acute, association between right ventricular function and perfusion abnormalities in hemodynamically stable patients with, 665

limitations of ECG in diagnosing, 559

lung scan appearances of tumor embolization, 562, 563

multifocal atrial tachycardia, 203

opinions regarding the diagnosis and management of venous thromboembolic disease, 499

pulmonary complications of HIV infection: autopsy findings, 1225 seizures and, 1732

T-wave inversion in, 850

utilization of venous thromboembolism prophylaxis in a medicalsurgical ICU, 162

venous thromboembolism in the intensive care unit: the last frontier for prophylaxis, 5

Pulmonary epithelial permeability and gas exchange: a comparison of inverse ratio ventilation and conventional mechanical ventilation in oleic acid-induced lung injury in rabbits, 459

Pulmonary fibrosis, diagnostic and management strategies for diffuse interstitial lung diseases, 192

evaluation of dyspnea during physical and speech activities in patients with pulmonary diseases, 625

idiopathic, exercise testing in patients with interstitial lung disease, 1148, 1149

idiopathic, right and left ventricular dysfunction in patients with severe pulmonary disease, 576

idiopathic, urine thrombomodulin in patients with, 849

interstitial, pathologic findings in lung volume reduction surgery,

interstitial, Sherlock Holmes, Albrecht Dürer, and Socrates: the International Labour Office radiographic classification of pneumoconioses reassessed for asbestosis, 1439

interstitial, transbronchial lung biopsy: can specimen quality be predicted at the time of biopsy? 1037

progression of asbestosis predicts lung cancer, 1517

survival in patients with cryptogenic fibrosing alveolitis: a popula-

tion-based cohort study, 396 tropical pulmonary eosinophilia, 1673 Pulmonary function, bilateral thoracoscopic staple lung volume reduction surgery: does improvement in dyspnea correlate with improvement in? 1730

comparison of short-term functional outcomes following unilateral and bilateral lung volume reduction surgery, 890

dose-response relationship and irreversible obstructive ventilatory defect in patients with consumption of Sauropus androgynus,

effect of high-frequency oral airway and chest wall oscillation and conventional chest physical therapy on expectoration in patients with stable cystic fibrosis, 1019

effects of positive end-expiratory pressure on oscillated flow rate during high-frequency chest compression, 1028

evaluation of respiratory inductive plethysmography in controlled ventilation: measurement of tidal volume and PEEP-induced

changes of end-expiratory lung volume, 443 impaired skeletal muscle endurance related to physical inactivity and altered lung function in COPD patients, 900

infective exacerbations of chronic bronchitis: relation between bacteriologic etiology and, 1542 influence of silicosis on deteriorating lung function in gold miners,

long-acting inhaled beta₂-agonists in asthma therapy, 1095 no paradoxical bronchodilator response with forced oscillation technique in children with cystic fibrosis, 55

the obese patient in the ICU, 492 phrenic nerve dysfunction following coronary artery bypass graft-

ing: an aggravation or a real problem? 2 physiology of lung resection: no rules, just..Rx, 1438 pulmonary tuberculosis treated with directly observed therapy: serial changes in lung structure and function, 933

rate of FEV₁ change following lung volume reduction surgery, 652 relationship of alveolar macrophage plasminogen activator and elastase activities to, and CT evidence of emphysema, 1257

respiratory resistance in the emergency department: a reproducible and responsive measure of asthma severity, 1566 serial, and elastic recoil two years after lung volume reduction

surgery for emphysema, 1497 severely compromised, risk of death in cystic fibrosis patients with, 1230

tests, exercise testing in patients with interstitial lung disease, 1148, 1149

tests, right and left ventricular dysfunction in patients with severe pulmonary disease, 576

tests, ventilatory impairment in asthma: perceptions vs measurements, 265

therapeutic response patterns to high and cumulative doses of salbutamol in acute severe asthma, 593

Pulmonary gas exchange, acute effects of nasal positive pressure ventilation in patients with advanced cystic fibrosis, 1013

combination of partial liquid ventilation and inhaled nitric oxide in the severe oleic acid lung injury model, 1658

effect of L-NAME, an inhibitor of nitric oxide synthesis on cardiopulmonary function in human septic shock, 1640

effects of sampling interval on peak oxygen consumption in patients evaluated for heart transplantation, 816

exercise testing in patients with interstitial lung disease, 1148, 1149 measurements, comparison of, between incremental and constant work exercise above the anaerobic threshold, 602

optimizing standard cardiopulmonary resuscitation with an inspira-tory impedance threshold valve, 1084

pulmonary epithelial permeability and: a comparison of inverse ratio ventilation and conventional mechanical ventilation in oleic acid-induced lung injury in rabbits, 459

Pulmonary hemorrhage: See Hemorrhage

Pulmonary infections, cytomegalovirus pneumonia in AIDS patients,

disease management of, Mar. supp. pp.165S-232S exacerbations of chronic bronchitis: relation between bacteriologic etiology and lung function, 1542

impact of tracheotomy on colonization and infection of lower airways in children requiring long-term ventilation, 77

implications for macrolide treatment in community-acquired pneumonia, 1201

it's not "just a virus" anymore, 859

lung transplantation in cystic fibrosis: consensus conference statement, 217

mechanisms and management of COPD, Apr. supp., pp. 233S-

more information on infection and infarction, 558

prediction of mortality in febrile medical patients: how useful are systemic inflammatory response syndrome and sepsis criteria?

pulmonary complications of HIV infection: autopsy findings, 1225 suspected respiratory tract infection in the tracheostomized child: the pediatric pulmonologist's approach, 1549

Pulmonary infiltrates, acute pneumopathy in a nonsurgical transsexual, 1127

Pulmonary limitation to exercise (submaximal exercise response): See

Pulmonary mechanics, breathing reserve at the lactate threshold to differentiate a pulmonary mechanical from cardiovascular limit to exercise, 913

Pulmonary medicine, opinions/hypotheses: a new department in CHEST, 855

suspected respiratory tract infection in the tracheostomized child: the pediatric pulmonologist's approach, 1549

treatment of spontaneous pneumothorax: the clinician's perspective on pneumothorax management, 1423, 1424

Pulmonary neoplasms: See also Carcinoma; additional information from percutaneous cutting needle biopsy following fine needle aspiration in the diagnosis of chest lesions, 1522

double jeopardy: lung cancer following cardiac transplantation, 1720

importance of intrapulmonary lymph nodes in the differential diagnosis of small pulmonary nodular shadows, 703

localization of bronchial intraepithelial neoplastic lesions by fluorescence bronchoscopy, 696

lung cancer screening does not favorably affect outcome, 557

lung mass and large complex liver lesions, 1408

non-small cell, prolonged air leak following radical upper lobectomy: an analysis of incidence and possible risk factors, 1507 non-small cell, quality of life in patients with lung cancer: a review

of literature from 1970 to 1995, 467 non-small cell, radically resected, postoperative radiotherapy in, vol. 112:954; erratum, vol. 113: 564

opinions regarding the diagnosis and management of venous thromboembolic disease, 499

pathologic findings in lung volume reduction surgery, 660

physiology of lung resection: no rules, just..Rx, 1438

progression of asbestosis predicts lung cancer, 1517

pseudomesotheliomatous adenocarcinoma of the lung in a patient with HIV infection, 839

pulmonary hypertension and leukemia, 851, 852

quality of life in patients with lung cancer: a review of literature from 1970 to 1995, 467

recovery and limitation of exercise capacity after lung resection for lung cancer, 1511

reflections on the revisions in the International System for Staging Lung Cancer, 1728, 1729 small cell, quality of life in patients with lung cancer: a review of

literature from 1970 to 1995, 467

unusual presentation of metastatic colon cancer to the lung, 244 value of Nd:YAG laser for the surgery of lung metastases in a randomized trial, 1402

video-assisted tale pleurodesis for malignant pleural effusions utilizing local anesthesia and IV sedation, 739 women, smoking, and lung cancer, 1

Pulmonary nodules, analysis of cell type and radiographic presentation as predictors of the clinical course of patients with bronchioloalveolar cell carcinoma, 997

identification of benign, by needle biopsy, 3

influence of silicosis on deteriorating lung function in gold miners, 340

man with dyspnea, productive cough, and chest radiograph showing hyperinflation and a diffuse nodular pattern, 1123

patient with newly diagnosed melanoma and, 826

small shadows, importance of intrapulmonary lymph nodes in the differential diagnosis of, 703

solitary, nested polymerase chain reaction for detection of Mycobacterium tuberculosis in, 20

solitary pulmonary lesion evaluations, 1428, 1429 Pulmonary stenosis, LEOPARD syndrome, 1415

Pulmonary stretch receptors, rapidly adapting, influence of gender on cough reflex sensitivity, 1319

Pulmonary toxicity of amiodarone: See Amiodarone

Pulmonary vascular resistance, decreased basal production of nitric oxide in patients with heart disease, 317

Pulmonary vascular system, adrenomedullin: a player at high altitude? 1428

pulmonary hypertension and leukemia, 851, 852

therapeutic potential of nitric oxide in lung transplantation, 1360 Pulmonary vein, massive pulmonary edema and death after prostacyclin infusion in a patient with pulmonary veno-occlusive disease, 237

Pulmonology: See Pulmonary medicine

Purified protein derivative, effectiveness of a nosocomial tuberculosis control program at an urban teaching hospital, 1184

Quality of life, cost-effectiveness of lung transplantation in the Netherlands, 124

health-related, effect of lung transplantation on: a longitudinal study, 358

health-related: what is being measured? 1147

ICU outcomes for patients with HIV infection: a moving target,

in patients with lung cancer: a review of literature from 1970 to 1995, 467

long-acting inhaled beta₂-agonists in asthma therapy, 1095 1-year community-based health economic study of ciprofloxacin vs usual antibiotic treatment in acute exacerbations of chronic bronchitis, 131

predictors of, and adjustment after lung transplantation, 633 recovery and limitation of exercise capacity after lung resection for lung cancer, 1511

Question of the month: See ACCP-SEEK board review question of the month

Questionnaires, evaluation of dyspnea during physical and speech activities in patients with pulmonary diseases, 625

validation of a new dyspnea measure: the UCSD Shortness of Breath Questionnaire, 619

Quinolones, new, or new macrolides as monotherapy for patients with community-acquired pneumonia: our cup runneth over? 1158

prescription of macrolides in community-acquired pneumonia: science or art? 1155

Rabbits, combination of partial liquid ventilation and inhaled nitric oxide in the severe oleic acid lung injury model, 1658

comparisons of pleurodesis induced by talc with or without thymol iodide in, 795

pulmonary epithelial permeability and gas exchange: a comparison of inverse ratio ventilation and conventional mechanical ventilation in oleic acid-induced lung injury in, 459

Race: See Socioeconomic factors

Racehorses: See Horses

Radiofrequency ablation for sleep-disordered breathing, 1151

Radiofrequency volumetric tissue reduction of the palate in subjects with sleep-disordered breathing, 1163

Radiography: See also Roentgenogram of the month; ABCs of chest X-ray film interpretation, 256

are digital chest X-rays good enough? 256 assessment of hyperinflation: correlation with objective chest radiographic measurements and mechanical ventilator parame-ters, 1698

chest, routine posttracheostomy, value of, 1647

man with dyspnea, productive cough, and chest radiograph show-ing hyperinflation and a diffuse nodular pattern, 1123

the obese patient in the ICU, 492

presentation, analysis of cell type and, as predictors of the clinical course of patients with bronchioloalveolar cell carcinoma, 997 role of imaging in diagnosing complications of video-assisted

thoracoscopic surgery, 820 Sherlock Holmes, Albrecht Dürer, and Socrates: the International Labour Office classification of pneumoconioses reassessed for asbestosis, 1439

solitary pulmonary lesion evaluations, 1428, 1429

Radioisotopes, regional lung deposition and clearance of 99mTc-labeled beclomethasone-DLPC liposomes in mild and severe asthma, 1573

Radiology: See Radiography

Radiotherapy, postoperative, in radically resected non-small cell lung cancer, vol. 112:954; erratum, vol. 113: 564

quality of life in patients with lung cancer: a review of literature from 1970 to 1995, 467

RANTES: See Chemokines

Rats, normal, respiratory mechanics after prosthetic reconstruction of the chest wall in, 1667

Reactive airways dysfunction syndrome, spectrum of irritant-induced asthma: sudden and not-so-sudden onset and the role of allergy, 42

Recertification: See Certification

Recombinant human DNase I: See DNase

Recurrence, corticosteroid therapy and relapse in sarcoidosis, 559,

pulmonary alveolar proteinosis: lung transplant or bone marrow transplant? 563
Reference values, pediatric, for respiratory resistance measured by

forced oscillation, 1322 Rehabilitation: See also Ventilator weaning; aerobic endurance training program improves exercise performance in lung transplant

recipients, 906 cardiac, effects of body composition changes to observed improvements in cardiopulmonary parameters after exercise training

health-related quality of life: what is being measured? 1147 hypoxemic patients with COPD at low altitude at the Dead Sea, the lowest place on earth, 571

lung transplantation in cystic fibrosis: consensus conference statement, 217

mechanisms and management of COPD, Apr. supp., pp. 233S-2875

randomized comparison of exercise training in patients with nor-mal vs reduced ventricular function, 1387

recovery and limitation of exercise capacity after lung resection for lung cancer, 1511

validation of a new dyspnea measure: the UCSD Shortness of Breath Questionnaire, 619

what happens in the Dead Sea? 566

Reimbursement, E&M guidelines: is the medical record a database repository or a communication tool? 1432

Medicare, CPT coding and: from beans to bullets, 1431

Relapse: See Neoplasm recurrence; Recurrence

REM sleep: See Sleep

Reperfusion-ischemia lung injury: See Lung injury
Research, assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

benefit of heparin in central venous and pulmonary artery catheters, 165

chronic ventilator unit admission criteria, 257

deciphering histoplasmosis, systemic noncaseating granuloma, and sarcoidosis in the literature, 1143

design, prolonged use of ventilator circuits and ventilator-associated pneumonia: a model for identifying the optimal clinical practice, 267

funding for biomedical research: what happened to our share of nation's wealth? 565

health-related quality of life: what is being measured? 1147

1-year community-based health economic study of ciprofloxacin vs usual antibiotic treatment in acute exacerbations of chronic

opinions regarding the diagnosis and management of venous thromboembolic disease, 499

quality of life in patients with lung cancer: a review of literature from 1970 to 1995, 467

systematic review of the cost-effectiveness of noncardiac transitional care units, 172

usefulness of carcinoembryonic antigen in pleural effusion diagnosis, 1425, 1426

Residents, ABCs of chest X-ray film interpretation, 256

use of a pulse oximeter in an adult emergency department: impact on the number of arterial blood gas analyses ordered, 1042 Resource use measurement: See Costs; Data analysis

RESPIMAT: See Nebulizers

Respiration, acute effects of nasal positive pressure ventilation in patients with advanced cystic fibrosis, 1013

breathing reserve at the lactate threshold to differentiate a pulmonary mechanical from cardiovascular limit to exercise, 913

changes due to long-term exposure to urban levels of air pollution: a histopathologic study in humans, 1312

combination of partial liquid ventilation and inhaled nitric oxide in the severe oleic acid lung injury model, 1658 effects of cardiac dysfunction on non-hypercapnic central sleep

apnea, 104

effects of sampling interval on peak oxygen consumption in patients evaluated for heart transplantation, 816 effects of tracheal suctioning on respiratory resistance in mechan-

ically ventilated patients, 1335 mechanics after prosthetic reconstruction of the chest wall in normal rats, 1667

peak rate, prediction of mortality in febrile medical patients: how useful are systemic inflammatory response syndrome and sepsis criteria? 1533

pediatric reference values for respiratory resistance measured by forced oscillation, 1322

relationship between airway obstruction and respiratory symptoms in adult asthmatics, 272

use of the breathing reserve to interpret submaximal exercise responses, 858

ventilatory impairment in asthma: perceptions vs measurements, 265

Respiration, artificial, CD4 lymphocyte counts and mortality in AIDS patients requiring mechanical ventilator support due to Pneumocystis carinii pneumonia, 430

chronic ventilator unit admission criteria, 257

COPD and other diseases in chronically ventilated patients in a prolonged respiratory care unit: a retrospective 20-year survival study, 86

delivery of inhaled nitric oxide using the Ohmeda INOvent delivery system, 1650

early profibrotic or repair activity in the lung during cardiopulmonary bypass: who is the culprit? 1731

effects of tracheal suctioning on respiratory resistance in mechanically ventilated patients, 1335

extending ventilator circuit change interval beyond 2 days reduces the likelihood of ventilator-associated pneumonia, 405

impact of tracheotomy on colonization and infection of lower airways in children requiring long-term ventilation, 77

mechanical ventilation beyond the intensive care unit: report of a consensus conference of the American College of Chest Physicians, 289S

patient-centered ventilation, 844

predictors of short- and long-term survival in HIV-infected patients admitted to the ICU, 421

pulmonary epithelial permeability and gas exchange: a comparison of inverse ratio ventilation and conventional mechanical ventilation in oleic acid-induced lung injury in rabbits, 459

radiographic assessment of hyperinflation: correlation with objective chest radiographic measurements and mechanical ventilator parameters, 1698

randomized clinical trial comparing an extended-use hygroscopic condenser humidifier with heated-water humidification in mechanically ventilated patients, 759

salbutamol delivery from a hydrofluoroalkane pressurized metered-dose inhaler in pediatric ventilator circuits, 186

sedation protocol to prevent self-extubation, 1429, 1430 use of noninvasive positive pressure ventilation in the emergency department: results of a randomized clinical trial, 1339

Respiratory distress, acute, use of noninvasive positive pressure ventilation in the emergency department: results of a randomized clinical trial, 1339

can quantitative capnometry differentiate between cardiac and obstructive causes of? 323

Respiratory distress syndrome, adult, adrenal insufficiency and, associated with the antiphospholipid antibody syndrome, 1136

assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

associated with tumor lysis syndrome in a patient with non-Hodgkin's lymphoma, 550

combination of partial liquid ventilation and inhaled nitric oxide in the severe oleic acid lung injury model, 1658

early profibrotic or repair activity in the lung during cardiopulmonary bypass: who is the culprit? 1731

expression of inducible nitric oxide synthase and inflammatory cytokines in alveolar macrophages of ARDS following sepsis,

hypoxic respiratory failure in a 30-year-old spelunker, 1125 pulmonary epithelial permeability and gas exchange: a comparison of inverse ratio ventilation and conventional mechanical ventilation in oleic acid-induced lung injury in rabbits, 459

venous and arterial gas embolism associated with positive pressure ventilation, 1132

Respiratory failure, CD4 lymphocyte counts and mortality in AIDS patients requiring mechanical ventilator support due to Pneumocystis carinii pneumonia, 430

chronic, acute effects of nasal positive pressure ventilation in patients with advanced cystic fibrosis, 1013

COPD and other diseases in chronically ventilated patients in a prolonged respiratory care unit: a retrospective 20-year survival study, 86

hypoxic, in a 30-year-old spelunker, 1125

patterns of dissimilarities among instrument models in measuring Po2, Pco2, and pH in blood gas laboratories, 780 tropical pulmonary eosinophilia, 1673

use of adjunctive corticosteroids in severe adult non-HIV Pneumocystis carinii pneumonia, 1215

Respiratory inductive plethysmography: See Plethysmography Respiratory infections: See Pulmonary infections

Respiratory muscles, strength, acute oxygen supplementation does not relieve the impairment of, in hypoxemic COPD, 334

Respiratory syncytial virus, community respiratory viral infection in adult lung transplant recipients, 944 it's not "just a virus" anymore, 859

Respiratory tract infections: See Pulmonary infections

Resuscitation, cardiopulmonary: See Cardiopulmonary resuscitation Revascularization, coronary bypass grafting for single-vessel coronary artery disease: a 17-year review with short- and long-term follow-up, 676

respiratory complications after coronary artery bypass surgery with unilateral or bilateral internal mammary artery grafting, 1285 Reviews, diagnostic and management strategies for diffuse interstitial lung diseases, 192

long-acting inhaled beta₂-agonists in asthma therapy, 1095 multifocal atrial tachycardia, 203

natural history and rate of progression of aortic stenosis, 1109 pathophysiology of cardiac tamponade, 1372

quality of life in patients with lung cancer: a review of literature from 1970 to 1995, 467

review of why and how we may use beta-blockers in congestive heart failure, 800

role of dobutamine stress echocardiography in heart transplant patients, 809

therapeutic potential of nitric oxide in lung transplantation, 1360 tropical pulmonary eosinophilia, 1673

ventricular arrhythmias in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

Rhabdomyolysis, false elevation of serum creatinine following skin absorption of nitromethane complicates the clinical diagnosis of,

Rifampin, low serum antimycobacterial drug levels in non-HIVinfected tuberculosis patients, 1178 serum concentrations of the antimycobacterial drugs, 1154

Risk-benefit analysis, mediastinoscopy in patients with presumptive stage I sarcoidosis, 147

RNA, messenger, detection of occult micrometastases in non-small cell lung carcinoma by reverse transcriptase-polymerase chain

messenger, early profibrotic or repair activity in the lung during cardiopulmonary bypass: who is the culprit? 1731

Roentgenogram of the month, acute pneumopathy in a nonsurgical transsexual, 1127

branching parenchymal mass, 523

hilar mass and papilledema on presentation, 227 lung mass and large complex liver lesions, 1408

patient with newly diagnosed melanoma and pulmonary nodules, 826

unusual case of pseudocardiomegaly, 1711

Roger C. Bone Memorial Lecture: See Bone, Roger C., Memorial Lecture

Roxithromycin, new macrolides or new quinolones as monotherapy for patients with community-acquired pneumonia: our cup runneth over? 1158

Salbutamol: See Albuterol

Saline solution-filled balloon tonometry: See Tonometry

Salmeterol, long-acting inhaled beta2-agonists in asthma therapy,

short-term cardiovascular effects of, 1272

Sarcoidosis, acute dyspnea and hypoxia in a 37-year-old woman with,

corticosteroid therapy and relapse in, 559, 560

deciphering histoplasmosis, systemic noncaseating granuloma, and, in the literature, 1143

evaluation of dyspnea during physical and speech activities in patients with pulmonary diseases, 625

presumptive stage I, mediastinoscopy in patients with: a risk/ benefit, cost/benefit analysis, 147

Sarcoma, Kaposi's, pulmonary complications of HIV infection: autopsy findings, 1225

Sauropus androgynus: See Plants

Sclerotherapy, for malignant pleural effusions: bleomycin vs doxycycline with small-bore catheter drainage, 1305

Sedation, intravenous midazolam, role of atropine premedication in fiberoptic bronchoscopy using, 1394

IV, video-assisted talc pleurodesis for malignant pleural effusions utilizing local anesthesia and, 739

protocol to prevent self-extubation, 1429, 1430

Seizures, pulmonary embolism and, 1732

Self-extubation: See Extubation

Self-inflicted intramyocardial injury with a sewing needle: a rare cause of pneumothorax, 531

Sepsis: See also Systemic inflammatory response syndrome; criteria, prediction of mortality in febrile medical patients: how useful are systemic inflammatory response syndrome and? 1533

early release of proinflammatory cytokines after lung transplanta-

early, serum cardiac troponin T as a prognostic marker in early sepsis, 1055

expression of inducible nitric oxide synthase and inflammatory cytokines in alveolar macrophages of ARDS following, 1632

-induced multiple organ failure, pediatric, compensatory anti-inflammatory cytokine interleukin-10 response in, 1625

uncertain value of the definition for SIRS, 1442

Septic shock: See Shock

Serotonin, 5-HT_{1D beta} receptor mediates the supersensitivity of isolated coronary artery to, in variant angina, 243

Severity of illness, asthma, respiratory resistance in the emergency department, 1566

asthma, ventilatory impairment, 265 COPD, heart rate variability reflects, in PiZ α_1 -antitrypsin deficiency, 327

ICU outcomes for patients with HIV infection, 269

limitations of ECG in diagnosing pulmonary embolism, 559

measuring resource use in the ICU with computerized Therapeutic Intervention Scoring System-based data, 434

predictors of short- and long-term survival in HIV-infected patients admitted to the ICU, 421 relationship between airway obstruction and respiratory symptoms

in adult asthmatics, 272 Sex factors, influence of gender on cough reflex sensitivity, 1319

Shock, assault on the Swan-Ganz catheter, 1379

failure of splanchnic resuscitation in the acutely injured trauma patient correlates with multiple organ system failure and length of stay in the ICU, 1064

septic, early human, does N-acetyl-L-cysteine influence cytokine response during? 1616

septic, gastric and esophageal intramucosal PCO2 (PiCO2) during endotoxemia: assessment of raw PiCO2 vs PcO2 gradient as indicators of hypoperfusion in a canine model of, 1078

septic, human, effect of L-NAME, an inhibitor of nitric oxide synthesis on cardiopulmonary function in, 1640

Shunt, interatrial, 1726

intracardiac, 91

Silicone, acute pneumopathy in a nonsurgical transsexual, 1127 Silicosis, influence of, on deteriorating lung function in gold miners,

Simulations, cost-effectiveness of lung transplantation in the Netherlands: a scenario analysis, 124

Sinus node deceleration, dobutamine-induced, is (it) a marker of significant stenosis of the right coronary artery? 306

SIRS: See Systemic inflammatory response syndrome

Skeletal muscle, impaired, endurance related to physical inactivity and altered lung function in COPD patients, 900

Skin, absorption of nitromethane, false elevation of serum creatinine following, complicates the clinical diagnosis of rhabdomyolysis,

disinfectant, coronary artery spasm complicating anaphylaxis secondary to, 1417

Sleep, arterial blood pressure response to transient arousals from NREM sleep in nonapneic snorers with sleep fragmentation,

predictors of quality of life and adjustment after lung transplanta-

relation between Multiple Sleep Latency Test findings and the frequency of apneic events in REM and non-REM sleep, 980

Sleep apnea, central, effects of cardiac dysfunction on non-hypercapnic central sleep apnea, 104

hour-to-hour variability of oxygen saturation in, 719

 hypopnea syndrome, cost-effectiveness analysis of nocturnal oximetry as a method of screening for, 97

mild, sufferers, upper airway changes in snorers and, after uvulopalatopharyngoplasty (UPPP), 1595

Sleep apnea syndromes, obstructive, blown away by CPAP, 258 changes in urinary uric acid excretion in, before and after therapy with nasal continuous positive airway pressure, 1604

CT in the evaluation of the upper airway in healthy subjects and in patients with, 111

effect of a mandibular advancement device on apneas and sleep in patients with, 707

orbital herniation associated with noninvasive positive pressure ventilation, 841

persistent, efficacy of oral appliances in the treatment of, after uvulopalatopharyngoplasty, 992

prevalence of patent foramen ovale and its contribution to hypoxemia in patients with, 91

radiofrequency ablation for sleep-disordered breathing, 1151

radiofrequency volumetric tissue reduction of the palate in subjects with sleep-disordered breathing, 1163

relation between Multiple Sleep Latency Test findings and the frequency of apneic events in REM and non-REM sleep, 980 use of conventional and self-adjusting nasal continuous positive airway pressure for treatment of: a comparative study, 714

Smoking, ACCP and the tobacco issues, 1682

BAL fluid contains detectable superoxide dismutase 1 activity, 401 immunity is forever, 1680

mechanisms and management of COPD, Apr. supp., pp. 233S-2878

mixed (neutrophil-rich) interstitial pneumonitis in biopsy specimens of lung allografts: a clinicopathologic evaluation, 117

new guidelines for hypertension: Joint National Committee VI, 263 pathologic findings in lung volume reduction surgery, 660

preoperative habits and postoperative pulmonary complications,

progression of asbestosis predicts lung cancer, 1517

reduction, preoperative smoking: all or nothing at all? 856

relationship of alveolar macrophage plasminogen activator and elastase activities to lung function and CT evidence of emphysema, 1257

respiratory symptoms in a susceptible population due to burning of agricultural residue, 351

a 39-year-old smoker with effort dyspnea, normal spirometry results, and low diffusing capacity, 231 urban air pollution: why is it a health problem? 1161

women, lung cancer and, 1 Snoring, arterial blood pressure response to transient prousals from

NREM sleep in nonapneic snorers with sleep fragmentation, effect of a mandibular advancement device on apneas and sleep in

patients with obstructive sleep apnea, 707 radiofrequency ablation for sleep-disordered breathing, 1151

radiofrequency volumetric tissue reduction of the palate in subjects with sleep-disordered breathing, 1163

upper airway changes in snorers and mild sleep apnea sufferers after uvulopalatopharyngoplasty (UPPP), 1595

SOAP: See Ethics

Society of Critical Care Medicine, board review courses for critical care medicine, 1141, 1142

Socioeconomic factors, race, income, urbanicity, and asthma hospitalization in California: a small area analysis, 1277

Software: See Computers

Somnoplasty, radiofrequency ablation for sleep-disordered breathing,

Sound recording, continuous tracheal, results of in the homes of children: diagnostics of spontaneous cough in childhood asthma,

Sparfloxacin, new macrolides or new quinolones as monotherapy for patients with community-acquired pneumonia: our cup runneth over? 1158

Specialties, board review courses for critical care medicine, 1141, 1142

Specimen quality: See Biopsy; Diagnosis

Speech, activities, evaluation of dyspnea during physical and, in patients with pulmonary diseases, 625

Spelunking: See Caves

Spinal cord, COPD and other diseases in chronically ventilated patients in a prolonged respiratory care unit: a retrospective 20-year survival study, 86

Spirometry, normal results, a 39-year-old smoker with effort dyspnea, low diffusing capacity, and, 231

Splanchnic resuscitation, failure of in the acutely injured trauma patient correlates with multiple organ system failure and length of stay in the ICU, 1064

Splanchnicolysis, is less better? 270

thoracoscopic, for the relief of chronic pancreatitis pain: experience of a group of pneumologists, 528

Sports, circumflex coronary artery dissection following waterskiing,

Sputum, comparison of induced and expectorated, for the diagnosis

of Pneumocystis carinii pneumonia, 1555

culture, time to detection of Mycobacterium tuberculosis in, correlates with outcome in patients receiving treatment for pulmonary tuberculosis, 379

diagnostic strategy for *Pneumocystis carinii* pneumonia: is doing less better than doing more? 1443

effect of high-frequency oral airway and chest wall oscillation and conventional chest physical therapy on expectoration in patients with stable cystic fibrosis, 1019 relationship between airway obstruction and respiratory symptoms

in adult asthmatics, 272

solitary pulmonary lesion evaluations, 1428, 1429

tumor markers in, of patients with bronchioloalveolar carcinoma, 1144

wet mount examination, middle-aged woman with chronic productive cough diagnosed using, 1411

ST-T segment deviation: See Electrocardiography

Staphylococcus aureus, 77

Statistical analysis: See Data analysis

Stenoses: See Aortic stenosis; Bronchial stenosis; Coronary artery

Step-down units: See Intermediate care

Sternotomy, median, comparison of short-term functional outcomes following unilateral and bilateral lung volume reduction surgery,

Stomach: See Gastrointestinal system

Strength, handgrip, effect of regular use of high-dose nebulized beta2 agonists on, in patients with chronic airflow limitation, 1588

Streptococcus pneumoniae, bacteremia in a community hospital, 387 pneumococcal bacteremia in childhood: a 6-year experience in a community hospital, 1207

prescription of macrolides in community-acquired pneumonia: science or art? 1155

Stress echocardiography: See Echocardiography

Stroke, controversies surrounding long-term anticoagulation of very elderly patients in atrial fibrillation, 1115

Stroke volume, right ventricular end-diastolic volume as a predictor of the hemodynamic response to a fluid challenge, 1048

Substance abuse, thoracic empyema in HIV-infected patients: micro-biology, management, and outcome, 732

Suctioning, tracheal, effects of, on respiratory resistance in mechanically ventilated patients, 1335

Sumatriptan, 5-HT_{1D beta} receptor mediates the supersensitivity of isolated coronary artery to serotonin in variant angina, 243

Superoxide dismutase, 1, detectable activity, BAL fluid contains, 401 Surgery: See also Coronary artery bypass surgery; Heart surgery; Lung volume reduction surgery; Thoracic surgery; bronchoal-veolar carcinoma: histopathologic study of evolution in a series of 105 surgically treated patients, 391

chronic mitral regurgitation: when and how to operate, 1399 efficacy of oral appliances in the treatment of persistent sleep apnea after uvulopalatopharyngoplasty, 992

is less better? 270

mechanisms and management of COPD, Apr. supp., pp. 233S-2878

minimally invasive coronary, temporary coronary artery perfusion catheter during, 514

natural history and rate of progression of aortic stenosis, 1109 physiology of lung resection: no rules, just..Rx, 1438

postoperative radiotherapy in radically resected non-small cell lung cancer, vol. 112:954; erratum, vol. 113: 564

preoperative bronchoscopic assessment of airway invasion by esophageal cancer: a prospective study, 687

preoperative smoking habits and postoperative pulmonary complications, 883

preoperative smoking reduction: all or nothing at all? 856

presentation and management of bronchogenic and esophageal duplication cysts in adults, 1492

prolonged air leak following radical upper lobectomy: an analysis of incidence and possible risk factors, 1507

prophylaxis for deep venous thrombosis: the ACCP antithrombotic statement, revisited, 844

quality of life in patients with lung cancer: a review of literature from 1970 to 1995, 467

radiofrequency ablation for sleep-disordered breathing, 1151

radiofrequency volumetric tissue reduction of the palate in subjects

with sleep-disordered breathing, 1163 recovery and limitation of exercise capacity after lung resection for lung cancer, 1511

upper airway changes in snorers and mild sleep apnea sufferers after uvulopalatopharyngoplasty (UPPP), 1595 value of Nd:YAG laser for lung metastases in a randomized trial,

1402

vascular, elective, influence of perioperative myocardial infarction on long-term prognosis following, 681 Survival: See also Mortality; bronchoalveolar carcinoma: histopatho-

logic study of evolution in a series of 105 surgically treated patients, 391

cardiomyopathic lentiginosis/LEOPARD syndrome presenting as sudden cardiac arrest, 1415

comparative knowledge and practice regarding drug therapy for acute myocardial infarction, 297

COPD and other diseases in chronically ventilated patients in a prolonged respiratory care unit: a retrospective 20-year survival study, 86

cost-effectiveness of lung transplantation in the Netherlands: a scenario analysis, 124

cystic fibrosis: when to consider lung transplantation? 1159

effects of long-term oxygen therapy on pulmonary hemodynamics

in COPD patients: a 6-year prospective study, 65 emergency department cardiopulmonary bypass in the treatment of human cardiac arrest, 743

factors predictive of, among 337 patients with mesothelioma, 723 ICU outcomes for patients with HIV infection: a moving target,

idiopathic, exercise testing in patients with interstitial lung disease, 1148, 1149

in patients with cryptogenic fibrosing alveolitis: a population-based cohort study, 396

lung transplantation in cystic fibrosis: consensus conference statement, 217

reflections on the revisions in the International System for Staging Lung Cancer, 1728, 1729

relative, analysis of 252 patients with COPD receiving long-term oxygen therapy, 1580

short- and long-term, predictors of, in HIV-infected patients admitted to the ICU, 421

unexpected cardiac arrest after cardiac surgery: incidence, predisposing causes, and outcome of open chest cardiopulmonary resuscitation, 15

video-assisted talc pleurodesis for malignant pleural effusions utilizing local anesthesia and IV sedation, 739

Swallowing, reflex and ACE inhibitor, 1425

Swine, optimizing standard cardiopulmonary resuscitation with an inspiratory impedance threshold valve, 1084

Sympathetic nervous system, thoracoscopic splanchnicolysis for the relief of chronic pancreatitis pain: experience of a group of pneumologists, 528

Syncope, natural history and rate of progression of aortic stenosis, 1109

ventricular arrhythmias in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

Syringes, avoiding air samples in pleural fluid pH samples, 1729, 1730 Systemic inflammatory response syndrome, criteria, prediction of mortality in febrile medical patients: how useful are sepsis criteria and? 1533

uncertain value of the definition for, 1442

Systemic lupus erythematosus: See Lupus erythematosus, systemic Systole, comparison between aortic root pressure and finger blood pressure, 1466

evaluation of right ventricular pressure during incremental exercise by Doppler echocardiography in adults with atrial septal defect, 1459

left ventricular-arterial system coupling at peak exercise in dilated nonischemic cardiomyopathy, 870

T-cells: See Lymphocytes

Tachycardia, multifocal atrial, 203

ventricular, inducible, diminished short-term heart rate variability predicts, 312

Taiwan, dose-response relationship and irreversible obstructive ventilatory defect in patients with consumption of Sauropus androgynus, 71

Talc pleurodesis, 739, 795, 1007, 1731, 1732

Tamponade, cardiac: See Cardiac tamponade

Technetium-labeled beclomethasone-DLPC liposomes in mild and severe asthma, 1573

Technology, constrained, assault on the Swan-Ganz catheter, 1379 online journals: moving in the right direction, 1423

Teenagers: See Adolescents; Smoking

Telemetry, diagnostics of spontaneous cough in childhood asthma: results of continuous tracheal sound recording in the homes of children, 50

Teleradiology, are digital chest X-rays good enough? 256

Temperature, effect of cold air on exercise capacity in COPD: increase or decrease? 1560

Terminal care, ethics of bilevel positive airway pressure, 258

Tetracycline, ciprofloxacin vs usual antibiotic treatment in acute exacerbations of chronic bronchitis, 131

Theophylline, activation of platelets in bronchial asthma, 452

Therapeutic Intervention Scoring System, -based data, computerized, measuring resource use in the ICU with, 434

Thermal dve dilution, arterial: See Dve

Thermodilution, right ventricular end-diastolic volume as a predictor of the hemodynamic response to a fluid challenge, 1048

Thoracic empyema: See Empyema

Thoracic neoplasms, International Symposium on Thoracic Malignancies, Jan. supp., pp. 1S-122S

Thoracic surgery, treatment of spontaneous pneumothorax: the clinician's perspective on pneumothorax management, 1423, 1424 video-assisted, comparison of short-term functional outcomes following unilateral and bilateral lung volume reduction surgery,

video-assisted, importance of intrapulmonary lymph nodes in the differential diagnosis of small pulmonary nodular shadows,

Thoracoscopic splanchnicolysis: See Splanchnicolysis

Thoracoscopy, bilateral staple lung volume reduction surgery: does improvement in dyspnea correlate with improvement in pulmonary function? 1730

cost-effective pleurodesis, 1731, 1732

splanchnicolysis for the relief of chronic pancreatitis pain: experience of a group of pneumologists, 528

talc poudrage in malignant pleural effusions: effective pleurodesis despite low pleural pH, 1007

video-assisted, comparison of short-term functional outcomes following unilateral and bilateral lung volume reduction surgery,

video-assisted, diagnostic and management strategies for diffuse interstitial lung diseases, 192

video-assisted, is less better? 270

video-assisted, presentation and surgical management of bronchogenic and esophageal duplication cysts in adults, 1492

video-assisted surgery, role of radiologic imaging in diagnosing complications of, 820

video-assisted tale pleurodesis for malignant pleural effusions utilizing local anesthesia and IV sedation, 739

Thoracostomny, thoracic empyema in HIV-infected patients: microbiology, management, and outcome, 732

Thromboembolism, generic warfarin: a cost-effective alternative to brand-name drug or a clinical wild card? 261

opinions regarding the diagnosis and management of venous disease, 499

venous, in the intensive care unit: the last frontier for prophylaxis,

venous, prophylaxis, utilization of, in a medical-surgical ICU, 162 Thrombolytic agents, comparative knowledge and practice regarding drug therapy for acute myocardial infarction, 297

Thrombomodulin, urine, in patients with idiopathic pulmonary fibrosis, 849

Thrombosis, ARDS and adrenal insufficiency associated with the

antiphospholipid antibody syndrome, 1136 benefit of heparin in central venous and pulmonary artery catheters, 165

deep venous, opinions regarding the diagnosis and management of venous thromboembolic disease, 499

deep venous, prophylaxis for: the ACCP antithrombotic statement, revisited, 844

pulmonary hypertension and leukemia, 851, 852

venous, hilar mass and papilledema on presentation, 227

Thymol iodide, comparisons of pleurodesis induced by talc with or without, in rabbits, 795

Thymolipoma, unusual case of pseudocardiomegaly, 1711
Tidal volume, comparison of pulmonary gas exchange measurements
between incremental and constant work exercise above the anaerobic threshold, 602

evaluation of respiratory inductive plethysmography in controlled ventilation: measurement of PEEP-induced changes of endexpiratory lung volume and, 443

Time: See also Length of stay; extending ventilator circuit change interval beyond 2 days reduces the likelihood of ventilatorassociated pneumonia, 405

hour-to-hour variability of oxygen saturation in sleep apnea, 719 how often should beta-agonists be administered? 1427

longitudinal determinants of bronchial responsiveness to inhaled histamine, 973

predictors of short- and long-term survival in HIV-infected patients admitted to the ICU, 421

rate of FEV₁ change following lung volume reduction surgery, 652 staffing ICUs: the good news and the not-so-good news, 569

therapeutic response patterns to high and cumulative doses of salbutamol in acute severe asthma, 593

to detection of Mycobacterium tuberculosis in sputum culture correlates with outcome in patients receiving treatment for pulmonary tuberculosis, 379 TISS: See Therapeutic Intervention Scoring System

Tissue specimens: See Biopsy T-lymphocytes: See Lymphocytes

Tobacco: See Smoking

Tobramycin, comparison of the availability of, for inhalation from vented vs unvented nebulizers, 951

Tomography, computed, chest, can (it) decrease the use of preoperative bronchoscopy in the evaluation of suspected bronchogenic carcinoma? 1244

contrast-enhanced helical (spiral), opinions regarding the diagnosis and management of venous thromboembolic disease, 499

evidence of emphysema, relationship of alveolar macrophage plasminogen activator and elastase activities to lung function and, 1257

high-resolution, a 39-year-old smoker with effort dyspnea, normal spirometry results, and low diffusing capacity, 231

high-resolution, bronchiolitis obliterans after lung transplantation: detection using, 365

high-resolution, diagnostic and management strategies for diffuse interstitial lung diseases, 192

high-resolution, Sherlock Holmes, Albrecht Dürer, and Socrates: the International Labour Office radiographic classification of pneumoconioses reassessed for asbestosis, 1439

importance of intrapulmonary lymph nodes in the differential diagnosis of small pulmonary nodular shadows, 703

in the evaluation of the upper airway in healthy subjects and in patients with obstructive sleep apnea syndrome, 111

pulmonary tuberculosis treated with directly observed therapy: serial changes in lung structure and function, 933

role of radiologic imaging in diagnosing complications of videoassisted thoracoscopic surgery, 820

solitary pulmonary lesion evaluations, 1428, 1429

study: absence of left-sided predominance in asbestos-related pleural plaques, 1034

utility of scan evaluation for predicting pulmonary hypertension in patients with parenchymal lung disease, 1250

Tonometry, gastric and esophageal intramucosal PCO2 (PiCO2) during endotoxemia, 1078 gastric or intestinal, 1064

gastric, predictive value of PcO₂ gap in infants, 561 Torsade de pointes, amiodarone-induced adverse effects at the beginning of oral therapy: clinical implications, 848

Trachea: See also Airway; diagnostics of spontaneous cough in childhood asthma: results of continuous sound recording in the homes of children, 50

Tracheal bronchus: a cause of prolonged atelectasis in intubated children, 537

Tracheal intubation: See Intubation

Tracheal suctioning: See Suctioning

Tracheostomy, percutaneous, more on airway obstruction with, 850 suspected respiratory tract infection in the tracheostomized child:

the pediatric pulmonologist's approach, 1549 value of routine posttracheostomy chest radiography, 1647 Tracheotomy, impact of, on colonization and infection of lower airways in children requiring long-term ventilation, 77

more on airway obstruction with percutaneous tracheostomy, 850 Transcriptase, reverse, -polymerase chain reaction, detection of occult micrometastases in non-small cell lung carcinoma by,

Transesophageal echocardiography: See Echocardiography

Transplantation: See Bone marrow transplantation; Heart transplantation; Lung transplantation; Organ donors

Transsexual, nonsurgical, acute pneumopathy in, 1127 Transthoracic needle aspiration biopsy: See Biopsy Transudates: See Exudates and transudates

Trauma, blunt, circumflex coronary artery dissection following waterskiing, 1138

patient, acutely injured, failure of splanchnic resuscitation in, correlates with multiple organ system failure and length of stay in the ICU, 1064

quantification of traumatic hemomediastinum using transesophageal echocardiography: impact on patient management, 1475 Travel, international: See International health

Treadmill: See Exercise

Trepopnea following lung resection due to interatrial shunt, 1726 Triamcinolone acetonide, effect of glucocorticoids on grain dustinduced airway disease, 505

Trimethoprim-sulfamethoxazole, ciprofloxacin vs usual antibiotic treatment in acute exacerbations of chronic bronchitis, 131

Tropical pulmonary eosinophilia, 1673

Troponin, T, serum cardiac, as a prognostic marker in early sepsis, 1055

Trovafloxacin, monotherapy for community-acquired pneumonia, 1158

Tuberculin testing, 25, 1153, 1175

Tuberculoma, importance of intrapulmonary lymph nodes in the differential diagnosis of small pulmonary nodular shadows, 703

Tuberculosis, bronchial stenosis due to anthracofibrosis, 344 control, United States and worldwide, 1434

drug-resistant, epidemiology and clinical consequences of, in a Guatemalan hospital, 1452

drug-resistant, initial drug regimens for the treatment of: evalua-tion of physician prescribing practices in New Jersey, 1994-1995, 1446

effectiveness of a nosocomial control program at an urban teaching hospital, 1184

identification of benign pulmonary nodules by needle biopsy, 3 low serum antimycobacterial drug levels in non-HIV-infected

patients, 1178 lung transplantation in cystic fibrosis: consensus conference statement, 217

mediastinoscopy in patients with presumptive stage I sarcoidosis: a risk/benefit, cost/benefit analysis, 147

Mycobacterium tuberculosis miniepidemic in a church gospel choir, 234

nested polymerase chain reaction for detection of Mycobacterium tuberculosis in solitary pulmonary nodules, 20

pulmonary, influence of silicosis on deteriorating lung function in gold miners, 340

pulmonary, long suffering of Frederic Chopin, 210

pulmonary, time to detection of Mycobacterium tuberculosis in sputum culture correlates with outcome in patients receiving treatment for, 379

pulmonary, treated with directly observed therapy: serial changes in lung structure and function, 933

rapid diagnosis of, in various biopsy and body fluid specimens by the AMPLICOR Mycobacterium tuberculosis polymerase chain reaction test, 1190

scandalous incompetence...continued, 1153

serum concentrations of the antimycobacterial drugs, 1154

tuberculin and anergy skin testing of patients receiving long-term hemodialysis, 25

underreading of the tuberculin skin test reaction, 1175

Tumor lysis syndrome, ARDS associated with, in a patient with non-Hodgkin's lymphoma, 550

Tumor markers in sputum of patients with bronchioloalveolar carci-

Tumor necrosis factor, early release of proinflammatory cytokines after lung transplantation, 645

Tumorigenesis, microsatellite instability and loss of heterozygosity at chromosomes 9 and 17 in non-small cell lung cancer, 1091

UCSD Shortness of Breath Questionnaire: See Dyspnea

United States government agencies: See entries at US, below University of California, San Diego Shortness of Breath Questionnaire: See Dyspnea

University of Pittsburgh, International Symposium on Thoracic Ma-

lignancies, Jan. supp., pp. 1S-122S Upper airway resistance syndrome: See Airway UPPP: See Uvulopalatopharyngoplasty

Urban air pollution, levels of, respiratory changes due to long-term exposure to: a histopathologic study in humans, 1312 why is it a health problem? 1161

Urbanicity: See Socioeconomic factors

Uric acid, 1604

Urine, thrombomodulin in patients with idiopathic pulmonary fibrosis, 849

US Health Care Financing Administration, chronic ventilator unit admission criteria, 257

CPT coding and Medicare reimbursement: from beans to bullets,

Uvulopalatopharyngoplasty, 992, 1151, 1595

Uvulopalatoplasty, 1151

Valsalva maneuver, prevalence of patent foramen ovale and its contribution to hypoxemia in patients with obstructive sleep apnea, 91

Varicella, pneumonia, usual interstitial pneumonitis responsive to corticosteroids following, 249

Vascular invasion, bronchoalveolar carcinoma: histopathologic study of evolution in a series of 105 surgically treated patients, 391

Vascular resistance, pulmonary: See Pulmonary vascular resistance Vascular surgery, elective, influence of perioperative myocardial infarction on long-term prognosis following, 681

Vasculitis, isolated pulmonary capillaritis and diffuse alveolar hemorrhage in rheumatoid arthritis and mixed connective tissue disease, 1609

Vasoconstriction, decreased basal production of nitric oxide in patients with heart disease, 317

Vasodilators, massive pulmonary edema and death after prostacyclin infusion in a patient with pulmonary veno-occlusive disease, 237

Vasospasm, coronary: See Coronary artery VATS: See Thoracoscopy, video-assisted

Vena cava, superior, suppression in cystic fibrosis, 1732

Vena cava, inferior, filter, opinions regarding the diagnosis and management of venous thromboembolic disease, 499

Venous catheters: See Catheters

Venous thromboembolism: See Thromboembolism

Ventilation: See Respiration

Ventilation, inverse ratio: See Respiration, artificial

Ventilation, mechanical: See Respiration, artificial

Ventilation/perfusion, lung scan appearances of tumor embolization,

pulmonary tuberculosis treated with directly observed therapy: serial changes in lung structure and function, 933 scans, opinions regarding the diagnosis and management of venous

thromboembolic disease, 499

Ventilator weaning, chronic ventilator unit admission criteria, 257 predictive value of PCO2 gap in infants, 561

Ventilators, extending circuit change interval beyond 2 days reduces the likelihood of ventilator-associated pneumonia, 405

prolonged use of circuits and ventilator-associated pneumonia: a model for identifying the optimal clinical practice, 267 settings, patient-centered ventilation, 844

Ventolin: See Albuterol

Ventricle, left, arterial system coupling (with), at peak exercise in dilated nonischemic cardiomyopathy, 870

chronic mitral regurgitation: when and how to operate, 1399 comparison between systolic aortic root pressure and finger blood pressure, 1466

diminished short-term heart rate variability predicts inducible ventricular tachycardia, 312

filling pressures during exercise: a cardiological blind spot? 1695 hypertrophy, ventricular arrhythmias in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

hypokinesis, ischemic heart disease with congestive heart failure: problems in clinical management, 1119 normal ejection fraction in older persons with congestive heart

failure, 867

randomized comparison of exercise training in patients with normal vs reduced ventricular function, 1387

right and, dysfunction in patients with severe pulmonary disease, 576

Ventricle, right, aneurysm associated with advanced hypertrophic cardiomyopathy, 552

assault on the Swan-Ganz catheter: a case history of constrained technology, constrained bedside clinicians, and constrained monetary expenditures, 1379

association between function and perfusion abnormalities in hemodynamically stable patients with acute pulmonary embolism, 665

end-diastolic volume as a predictor of the hemodynamic response to a fluid challenge, 1048

evaluation of systolic pressure during incremental exercise by Doppler echocardiography in adults with atrial septal defect, 1459

function in COPD: can it be assessed reliably by the measurement of right ventricular ejection fraction? 567

left and, dysfunction in patients with severe pulmonary disease,

Ventricular arrhythmias, in adult aortic stenosis: prevalence, mechanisms and clinical relevance, 482

Ventricular fibrillation, cardiomyopathic lentiginosis/LEOPARD syndrome presenting as sudden cardiac arrest, 1415

optimizing standard cardiopulmonary resuscitation with an inspira-tory impedance threshold valve, 1084

Ventricular tachycardia: See Tachycardia

Ventriculography, noninvasive isotopic, right ventricular function in COPD: can it be assessed reliably by the measurement of right ventricular ejection fraction? 567

radionuclide, right and left ventricular dysfunction in patients with severe pulmonary disease, 576

Verapamil, multifocal atrial tachycardia, 203

Veterans, Persian Gulf War, interpretive algorithms for the symptomlimited exercise test: assessing dyspnea in, 612

Video-assisted talc pleurodesis: See Pleurodesis Video-assisted thoracoscopy: See Thoracoscopy, video-assisted Videotapes, board review courses for critical care medicine, 1141, Viral infections, community, respiratory, in adult lung transplant recipients, 944

it's not "just a virus" anymore, 859

Viremia, cytomegalovirus, in lung transplant recipients receiving ganciclovir and immune globulin, 924
Vital capacity, exercise testing in patients with interstitial lung

disease, 1148, 1149

Vital capacity, forced, exercise testing in patients with interstitial lung disease, 1148, 1149

Sherlock Holmes, Albrecht Dürer, and Socrates: the International Labour Office radiographic classification of pneumoconioses reassessed for asbestosis, 1439

Vocal cords, dysfunction associated with exercise in adolescent girls,

usefulness of the flow volume loop, 847

Voice recognition, online journals: moving in the right direction, 1423 Volume reduction surgery: See Lung volume reduction surgery

War, interpretive algorithms for the symptom-limited exercise test: assessing dyspnea in Persian Gulf War veterans, 612

Warfarin, controversies surrounding long-term anticoagulation of very elderly patients in atrial fibrillation, 1115

generic: a cost-effective alternative to brand-name drug or a clinical wild card? 261

Water, heated, humidification, 759

Waterskiing, circumflex coronary artery dissection following, 1138 Weaning, ventilator: See Ventilator weaning

Wegener's granulomatosis, 525, 836

Weight, effect of regular use of high-dose nebulized beta₂ agonists on, in patients with chronic airflow limitation, 1588

loss, predictors of short- and long-term survival in HIV-infected patients admitted to the ICU, 421

reduction, dose-response relationship and irreversible obstructive ventilatory defect in patients with consumption of Sauropus androgynus, 71

reduction, new guidelines for hypertension: Joint National Committee VI, 263

Wheezing, diagnostics of spontaneous cough in childhood asthma: results of continuous tracheal sound recording in the homes of

relationship between airway obstruction and respiratory symptoms in adult asthmatics, 272

White blood cells: See Leukocytes

Williams-Campbell syndrome, lung transplantation for, 534

Winnipeg: See Canada

Women, betag-adrenoceptor regulation and function in asthmatic patients receiving the oral combined contraceptive pill, 278

elevated right hemidiaphragm and abdominal pain in a 36-year-old postpartum woman, 1715 influence of gender on cough reflex sensitivity, 1319

normal left ventricular ejection fraction in older persons with congestive heart failure, 867

respiratory symptoms in a susceptible population due to burning of agricultural residue, 351

smoking, lung cancer and, 1

Work exercise: See Exercise Work of breathing, acute effects of nasal positive pressure ventilation in patients with advanced cystic fibrosis, 1013

Workload, nursing staff in intensive care in Europe: the mismatch

between planning and practice, 752 Workplace-related illness: See Occupational exposure

World Wide Web: See Computers

Wound healing, therapeutic potential of nitric oxide in lung transplantation, 1360

Wucheria bancrofti, tropical pulmonary eosinophilia, 1673